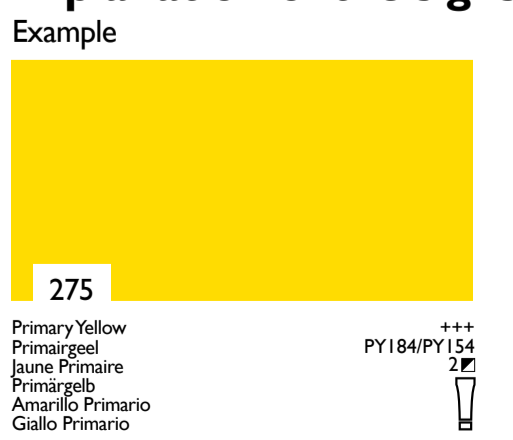


104 Zinc White Zinck Blanc de Zinc Zinckweiß Blanco de Zinc Bianco di Zinco	105 Titanium White Titanium Blanc de Titane Titanium Blanco de Titano	115 Titanium White (Safflower oil, no zinc oxide) Titanium (Safflower primer) Blanc de Titane (Huile de Carthame, sans zinc) Titanium (Safflower oil, ohne Zink) Blanco Titano (Aceite de Alazor, sin zinc) Bianco di Titano (Olio di Carama, senza zinco)	118 Titanium White (Linseed oil, no zinc oxide) Titanium (Linseed primer) Blanc de Titane (Huile de Lin, sans zinc) Titanium (Linseed oil, ohne Zink) Blanco Titano (Aceite de Linaza, sin zinc) Bianco di Titano (Olio Lino, senza zinco)	291 Titanium Buff Titanium Blanc de Titane Titanium Bluff Titano Cuccio Titano	207 Cadmium Yellow Lemon Cadmium Yellow Jaune de Cadmium Cadmium Kadmiumgelb Amarillo Cadmio Giallo di Cadmio Limone	254 Permanent Lemon Yellow Permanent Yellow Jaune Permanent Cadmium Kadmiumgelb Amarillo Cadmio Giallo Permanente Limone	275 Primary Yellow Primary Yellow Jaune Primaire Primärgelb Amarillo Primario Giallo Primario	272 Transparent Yellow Medium Transparent Yellow Jaune Transparente Moyen Transparentgelb Mittel Amarillo Transparente Medio Giallo Transparente Medio	283 Permanent Yellow Light Permanent Yellow Jaune Permanent Clair Primärgelb Hell Amarillo Permanente Claro Giallo Permanente Chiaro	
271 Cadmium Yellow Medium Cadmium Yellow Jaune Cadmium Moyen Kadmiumgelb Moyen Amarillo Cadmio Medio	284 Permanent Yellow Medium Permanent Yellow Jaune Permanent Moyen Primärgelb Mittel Amarillo Permanente Medio Giallo Permanente Medio	242 Aureoline Aureoline Aureoline Aureoline Aureoline	244 Indian Yellow Indian Yellow Jaune Indienne Indischgelb Amarillo Indio Giallo Indiano	222 Naples Yellow Light Naples Yellow Jaune de Naples Clair Napelsgelb Hell Amarillo Napoletano Chiaro Giallo di Napoli Chiaro	223 Naples Yellow Deep Naples Yellow Jaune de Naples Foncé Napelsgelb Dunkel Amarillo Napoletano Oscuro Giallo di Napoli Scuro	228 Yellow Ochre Light Yellow Ochre Galle Ocre Clair Gelber Ocker Hell Amarillo Ocreo Chiaro Giallo Ocre Chiaro	285 Permanent Yellow Deep Permanent Yellow Jaune Permanent Foncé Primärgelb Dunkel Amarillo Permanente Oscuro Giallo Permanente Scuro	210 Cadmium Yellow Deep Cadmium Yellow Jaune de Cadmium Foncé Kadmiumgelb Dunkel Amarillo Cadmio Oscuro Giallo di Cadmio Scuro	211 Cadmium Orange Cadmium Orange Orange de Cadmium Kadmiumorange Amarillo Cadmio Arancio di Cadmio	
266 Permanent Orange Permanent Orange Orange Permanent Anarancio Permanente Arancio Permanente	298 Royal Orange Royal Orange Orange Royale Königblau Orange Naranja Real Arancio Reale	224 Naples Yellow Red Naples Yellow Jaune de Naples Rouge Napelsgelb Rot Amarillo Napoletano Rosso Giallo di Napoli Rossastro	311 Vermilion Vermilion Carmin Zinnor Bermillon Vermilione	370 Permanent Red Light Permanent Red Rouge de Cadmium Clair Kadmiumrot Hell Rouge Cadmio Claro Rosso Permanente Chiaro	303 Cadmium Red Light Cadmium Red Rouge de Cadmium Clair Kadmiumrot Hell Rouge Cadmio Claro Rosso di Cadmio Chiaro	340 Pyrolo Red Light Pyrolo Red Rouge Pyrolo Clair Pyrolo Hell Rouge Pyrolo Claro Pyrolo Chiaro	278 Pyrolo Orange Pyrolo Orange Orange Pyrolo Pyroloorange Anarancio Pyrolo Arancio Pyrolo	317 Transparent Red Medium Transparent Red Rouge Transparente Moyen Transparentrot Mittel Rouge Transparente Medio Rosso Transparente Medio	314 Cadmium Red Medium Cadmium Red Rouge de Cadmium Moyen Kadmiumrot Mittel Rouge Cadmio Medio Rosso di Cadmio Medio	
315 Pyrolo Red Pyrolo Red Rouge Pyrolo Pyrolo Rouge Pyrolo Rosso Pyrolo	345 Pyrolo Red Deep Pyrolo Red Rouge Pyrolo Foncé Pyrolo Dunkel Rouge Pyrolo Oscuro Rosso Pyrolo Scuro	306 Cadmium Red Deep Cadmium Red Rouge de Cadmium Foncé Kadmiumrot Dunkel Rouge Cadmio Oscuro Rosso di Cadmio Scuro	364 Quinacridone Red Quinacridone Red Rouge Quinacridone Kadmiumrot Rouge Quinacridone Rosso Quinacridone	318 Carmine Carmine Carmin Karmis Carmin Carmino	389 Madder Lake Madder Lake Lac de Garance Krapfack Laca de Garanza	369 Primary Magenta Primary Magenta Magenta Primaire Primärgelb Rosa Primario Rosso Primario	356 Potter's Pink Potter's Pink Rose de Poterie Töpferrosa Rosa Murron Rosa Porcellana	330 Persian Rose Persian Rose Rose de Perse Persischerose Rosa di Persia Rosa di Persia	357 Rose Rose Rose Rosa Rosa	357 Rose Rose Rose Rosa Rosa
577 Permanent Red Violet Light Permanent Red Violet Violet Rouge Permanent Clair Permanentviolett Hell Violetto Rosso Permanente Chiaro Viola Rossastro Permanente	537 Permanent Red Violet Medium Permanent Red Violet Violet Rouge Permanent Moyen Permanentviolett Mittel Violetto Rosso Permanente Medio Viola Rossastro Permanente Medio	567 Permanent Red Violet Permanent Red Violet Violet Rouge Permanent Permanentviolett Violetto Rosso Permanente Viola Rossastro Permanente	323 Burnt Carmine Burnt Carmine Carmin Brillé Karmis Brillé Carmin Brillé Carmino Brillato	536 Violet Violet Violet Violet Violetto	593 Quinacridone Purple Blush Quinacridone Purple Rouge Quinacridone Blauwaching Rouge Quinacridone Chinacridonpurpur Blau Purpura Quinacridona Quinacridone Viola Blastro	568 Permanent Blue Violet Permanent Blue Violet Violet Bleu Permanent Permanentblauviolett Violetto Azzurro Permanente Violetto Permanente Bluastro	507 Ultramarine Violet Ultramarine Violet Violet Bleu Ultramarin Azul Ultramar Oltremare	548 Blue Violet Blue Violet Violet Bleu Blauviolett Violetto Bluastro	562 Greyish Blue Greyish Blue Bleu Grisâtre Gräulichblau Azul Griseo Blu Grigio	
504 Ultramarine Ultramarine Oltremare Ultramarin Azul Ultramar Oltremare	511 Cobalt Blue Cobalt Blue Kobaltblau Azul Cobalto Bleu de Cobalto	512 Cobalt Blue (Ultramarine) Cobalt Blue Kobaltblau (Ultramarin) Azul Cobalto (Ultramar) Bleu de Cobalto (Oltremare)	517 King's Blue King's Blue Königsblau Bleu Royal Königsblau Azul Real Blu Reale	508 Prussian Blue Prussian Blue Bleu de Prusse Königsblau Azul de Prussia Blu di Prussia	533 Indigo Indigo Indigo Indigo Indico	534 Cerulean Blue Cerulean Blue Bleu Céruleum Célesteblau Azul Ceruleo Blu Ceruleo	535 Cerulean Blue (Phthalo) Cerulean Blue Bleu Céruleum (Phthalo) Célesteblau (Phthalo) Azul Ceruleo (Falso) Blu Ceruleo (Falso)	570 Phthalo Blue Phthalo Blue Bleu Phthalo Phthalo Azul Falso	572 Primary Cyan Primary Cyan Cyan Primaire Phthalo Cian Primario Ciano Primario	
522 Turquoise Blue Turquoise Blue Bleu Turquoise Türkisblau Azul Turquesa Blu Turchese	542 Caribbean Blue Caribbean Blue Bleu Caraïbe Kariibblau Azul Caribe Blu Caraibi	565 Phthalo Turquoise Blue Phthalo Turquoise Bleu Turquoise Phthalo Phthalo Azul Turquesa Falso Blu Turchese Falso	683 Ultramarine Green Ultramarine Green Vert Oltremare Ultramarin Verde Ultramar Verde Oltremare	233 Chrysomel Green Chrysomel Green Vert Chrysomel Gelbbraun Verde Ultramar Verde Chrysomel	617 Yellowish Green Yellowish Green Vert jaunâtre Gelbbraun Verde Amarello Verde Gallastro	618 Permanent Green Light Permanent Green Vert Permanent Clair Permanentgrün Hell Verde Permanente Chiaro Verde Permanente Chiaro	611 Pastel Green Blue Pastel Green Vert Bleu Pastel Grünblau Pastell Azul Verdoso Pastel Verde Blu Pastello	615 Emerald Green Emerald Green Vert Paul Veronese Paul Veronesigrün Verde Paolo Veronès Verde Smeraldo	616 Verdigris Verdigris Vert Emeraude Chromogrün Verde Esmeralda Verde Verdano	
675 Phthalo Green Phthalo Green Vert de Phthalo Phthalo Verde Falso	619 Permanent Green Deep Permanent Green Vert Permanent Foncé Permanentgrün Dunkel Verde Permanente Oscuro Verde Permanente Scuro	623 Sage Green Sage Green Vert de Saïgne Sagegrün Verde Nappa Verde Vesica	620 Olive Green Olive Green Vert Olive Olivgrün Verde Olio Verde Olio	639 Olive Green Yellow Olive Green Vert Jaune Olie Olivgrün-Gelb Verde Olio Amarello Verde Olio Gallastro	281 Transparent Oxide Red Transparent Oxide Rouge Oxyde Transparent Transparentrot Rouge Oxyde Transparente Rosso Ocro Transparente	668 Chromium Oxide Green Chromium Oxide Vert Oxyde de Chrome Chromogrün Verde Ossido di Cromo Verde Ossidato di Cromo	227 Yellow Ochre Yellow Ochre Ocre Jaune Gelber Ocker Ocre Amarello Ocre Giallo	615 Emerald Green Emerald Green Vert Paul Veronese Paul Veronesigrün Verde Paolo Veronès Verde Smeraldo	234 Raw Sienna Raw Sienna Terre de Sienna Naturelle Sienna Naturale Terre di Sienna Naturale	
436 Red Earth Red Earth Terre Rouge Rouge Terre Rouge Rosso	339 Light Oxide Red Light Oxide Rouge Oxyde Engelrot Rouge Oxyde Rosso Inglese	324 Permanent Madder Brown Permanent Madder Brun Permanent Brun Permanent Laca Grana Permanente Pardo Bruno di Garanza Permanente	411 Burnt Sienna Burnt Sienna Terre de Sienna Brillée Sienna Brillante Terre di Sienna Tostata Terre di Sienna Bruciata	419 Transparent Red Ochre Transparent Red Ocre Rouge Transparent Transparentrot Ocre Rouge Transparente Rosso Ocro Transparente	378 Transparent Oxide Red Transparent Oxide Rouge Oxyde Transparent Transparentrot Rouge Oxyde Transparente Rosso Ocro Transparente	265 Transparent Oxide Yellow Transparent Oxide Jaune Oxyde Transparent Transparentgelb Amarillo Oxydo Transparente Giallo Ossidato Transparente	408 Raw Umber Raw Umber Terre d'Ombre Naturelle Umber Naturale Terre Sombra Naturale Terre d'Ombra Naturale	409 Burnt Umber Burnt Umber Terre d'Ombre Brillée Umber Brillante Terre Sombra Tostada Terre d'Ombra Bruciata	414 Alphabum Alphabum Terre Emeraude Chromogrün Verde Esmeralda Verde Verdano	
403 Vanilbe Brown Vanilbe Brown Brun Van Dyck Vandyckbraun Pardo Van Dyck Bruno Van Dyck	718 Warm Grey Warm Grey Gris Froid Wärmgrau Gris Falso Grigio Caldo	717 Cold Grey Cold Grey Gris Froid Kaltgrau Gris Falso Grigio Freddo	708 Payne's Grey Payne's Grey Gris de Payne Paynegrün Gris Payne Grigio di Payne	721 Payne's Green Black Payne's Green Vert Noir de Payne Paynegrün Nero Verde Payne Nero di Payne	701 Ivory Black Ivory Black Noir d'ivoire Eifenbeinschwarz Nero Nero d'Avorio	702 Lamp Black Lamp Black Noir de Bougie Lampenschwarz Nero Nero Fumo	800 Silver Silver Argent Plata Argento	802 Light Gold Light Gold Or Clair Reichgold Cin Chiaro Oro Chiaro	803 Deep Gold Deep Gold Or Foncé Goldbarbe Cin Oscuro Oro Scuro	

**Explanation of the signs**



**Degree of lightfastness**  
 +++ = at least 100 years lightfast under museum conditions (all 100 colours)  
 ++ = 25 - 100 years lightfast under museum conditions  
 + = 10 - 25 years lightfast under museum conditions  
 ° = 0 - 10 years lightfast under museum conditions

The lightfastness of all these colours has been tested in accordance with ASTM Standards D4303.

**Opacity**  
 □ = transparent  
 ◻ = semi-transparent  
 ◼ = semi-opaque  
 ◼ = opaque

275 = colour number  
 2 = price series

🧴 = also available in tube of 150ml  
 PY184/PY154 = pigments used