

Converting Colors

XYZ(79.3262, 82.5834, 98.1863)

Have a look what the booklet for
XYZ(79.3262, 82.5834, 98.1863)
contains.

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Color

**XYZ(79.5085, 82.7618,
98.1703)**

Conversions

Conversions Part 1

Format	Color
Hex	E9EAF5
RGB	233, 234, 245
RGB Percent	91%, 92%, 96%
CMY	0.0863, 0.0823, 0.0392
CMYK	0.05, 0.04, 0.00, 0.04
HSL	235°, 38%, 94%
HSV	235°, 5%, 96%
XYZ	79.5085, 82.7618, 98.1703
YIQ	234.9550, -4.1270, 3.2090

Conversions

Conversions Part 2

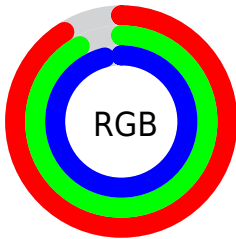
Format	Color
R _Y B	233, 234, 245
Decimal	15330037
CIE Lab	92.91, 1.68, -5.44
CIE LCh	93, 5.690, 287.138
Yxy	82.7618, 0.3053, 0.3178
Android (android.graphics.Color)	4293520117 (0xFFE9EAF5)
YUV	234.9550, 4.9522, -1.7145
Hunter-Lab	90.9735, -3.1993, -0.2989

Details

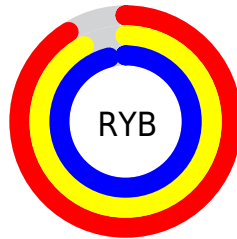
The XYZ color **79.5085, 82.7618, 98.1703** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **84.7151, 89.9962, 89.9982**, and the grayscale version is **78.8992, 83.0081, 90.3958**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.2372, 44.8620, 54.5245** is the 20% darker color. If you saturate the color by 10%, you get **66.0676, 66.9398, 95.8260**, and if you desaturate by 10%, it is **93.4817, 99.3727, 100.6413**.

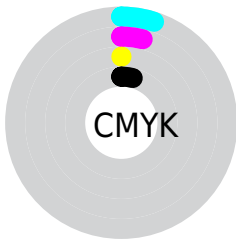
Distribution



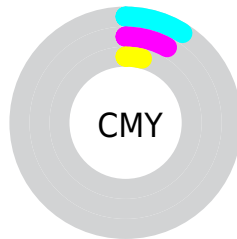
- Red (91%)
- Green (92%)
- Blue (96%)



- Red (91%)
- Yellow (92%)
- Blue (96%)



- Cyan (5%)
- Magenta (4%)
- Yellow (0%)
- Black (4%)



- Cyan (9%)
- Magenta (8%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.5085, 82.7618, 98.1703 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 79.5085, 82.7618, 98.1703 by changing the saturation by 10% instead.

■ 79.5085, 82.7618,
98.1703

■ 79.5085, 82.7618,
98.1703

482.0367,
504.1923, 575.5069

■ 59.6211, 61.9937,
74.1650

131.6286,
137.2418, 160.6704

■ 43.3616, 45.0276,
54.4315

164.5921,
171.7224, 200.0022

■ 30.3647, 31.4792,
38.5512

202.6448,
211.5427, 245.2800

■ 20.2650, 20.9640,
26.1056

246.1523,
257.0870, 296.9223

■ 12.6972, 13.0977,
16.6762

295.4799,
308.7397, 355.3475

■ 7.2959, 7.4958,
9.8444

350.9929,

■ 3.6958, 3.7741,

366.8853, 420.9744

5.1917

413.0567,
431.9080, 494.2213

■ 1.5315, 1.5480,
2.2995

■ 0.3471, 0.3222,
0.7309

■ 79.5085, 82.7618,
98.1703

■ 79.5085, 82.7618,
98.1703

■ 66.0676, 66.9398,
95.8260

■ 93.4817, 99.3727,
100.6413

■ 54.4690, 53.2228,
93.7897

■ 44.6344, 41.5250,
92.0501

■ 36.4772, 31.7511,
90.5935

■ 29.9034, 23.7976,
89.4048

■ 24.8097, 17.5515,
88.4676

■ 21.0803, 12.8872,
87.7639

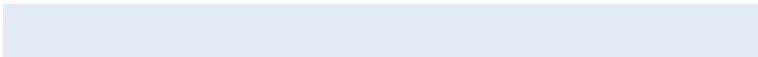
■ 18.5823, 9.6614,
87.2729

■ 17.1554, 7.7046,
86.9704

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



78.0276, 82.7618, 98.3379



79.5085, 82.7618, 98.1703



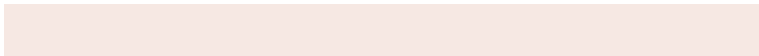
80.7779, 82.7618, 95.8014

Triad

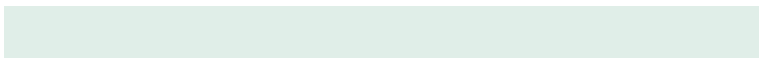
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.5085, 82.7618, 98.1703



80.6243, 82.7618, 84.2414



75.9069, 82.7618, 88.3024

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



79.5085, 82.7618, 98.1703



84.7151, 89.9962, 89.9982

Split Complementary

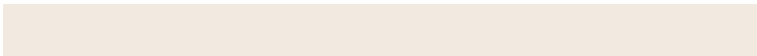
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



76.5846, 82.7618, 84.6554



79.5085, 82.7618, 98.1703



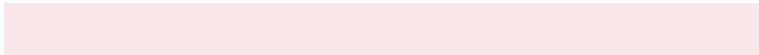
79.3010, 82.7618, 82.3610

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.5085, 82.7618, 98.1703



81.4277, 82.7618, 87.7211



77.8227, 82.7618, 82.5101



75.9609, 82.7618, 92.5491

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



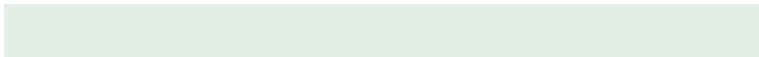
79.5085, 82.7618, 98.1703



81.3278, 82.7618, 93.3336



77.8227, 82.7618, 82.5101



76.0563, 82.7618, 86.9683

Sweetspot

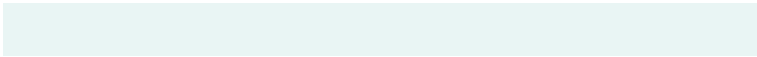
The Sweet Spot groups the original color and five complimentary colors.



79.5109, 82.7653, 98.1721



93.3771, 98.0377, 108.6094



82.5568, 89.1493, 98.2864



20.0042, 21.0048, 23.2499



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.5109, 82.7653, 98.1721



85.3327, 88.5913, 107.2101



80.8145, 83.0144, 98.1515



16.5347, 17.1400, 20.9794



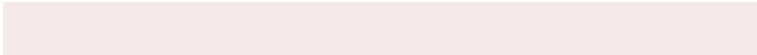
9.0578, 3.9095, 46.8152



0.8336, 0.4186, 4.1271

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



81.6482, 83.6324, 89.6853



88.1860, 89.7533, 95.8793



83.3648, 89.7497, 90.0218



17.1498, 17.3910, 18.5367



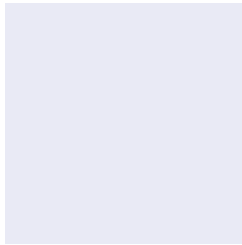
20.3765, 10.4940, 1.4251



1.8098, 0.9299, 0.2250

Previews

White Background



This preview shows how the XYZ color 79.5085, 82.7618, 98.1703 looks on a white background.

Color Contrast Check

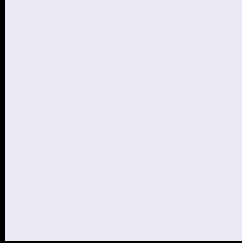
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 79.5085, 82.7618, 98.1703 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

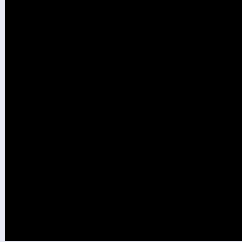
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

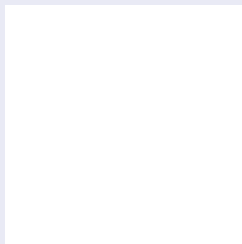
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 79.5085, 82.7618, 98.1703

Background



This preview shows how black text looks on a background with the XYZ color 79.5085, 82.7618, 98.1703.



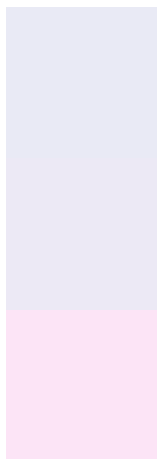
This preview shows how white text looks on a background with the XYZ color 79.5085, 82.7618,

98.1703.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

79.5085, 82.7618, 98.1703

Protanopia

80.2124, 82.7033, 98.1219

Deuteranopia

84.5228, 82.8361, 98.7229



Tritanopia

80.4832, 82.7353, 102.9944

Trichromacy



Original Color

79.5085, 82.7618, 98.1703

Protanomaly

79.8813, 82.5326, 98.1064

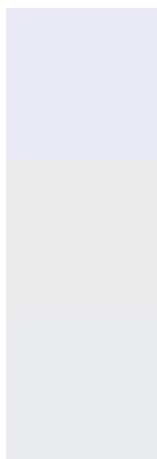
Deuteranomaly

82.5876, 82.6599, 98.7909

Tritanomaly

80.1695, 82.6098, 101.3424

Monochromacy



Original Color

79.5085, 82.7618, 98.1703

Achromatopsia

78.9647, 83.0770, 90.4708

Achromatomaly

79.2200, 83.1411, 93.5338

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.5085, 82.7618, 98.1703 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color rgb(233, 234, 245) looks like.

```
.text, #text, p{  
    color:rgb(233, 234, 245)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(233, 234, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 234, 245) }
```

Border

The CSS property to change the border of an element to XYZ 79.5085, 82.7618, 98.1703 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(233, 234, 245) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(233, 234, 245) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(233, 234, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 234, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 234, 245);  
box-shadow:4px 4px 4px 4px rgb(233, 234,  
245) }
```

Background

The CSS property to change the background color of an element to XYZ 79.5085, 82.7618, 98.1703 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 234, 245) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(233,  
234, 245) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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