

Converting Colors

XYZ(84.1331, 85.9960, 98.5508)

Have a look what the booklet for
XYZ(84.1331, 85.9960, 98.5508)
contains.

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Color

**XYZ(84.1331, 85.9960,
98.5508)**

Conversions

Conversions Part 1

Format	Color
Hex	F5ECF5
RGB	245, 236, 245
RGB Percent	96%, 93%, 96%
CMY	0.0392, 0.0745, 0.0392
CMYK	0.00, 0.04, 0.00, 0.04
HSL	300°, 31%, 94%
HSV	300°, 4%, 96%
XYZ	84.1331, 85.9960, 98.5508
YIQ	239.7170, 2.4750, 4.7070

Conversions

Conversions Part 2

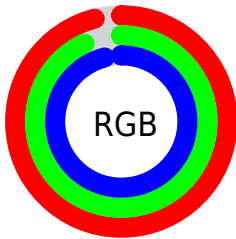
Format	Color
R _Y B	245, 236, 245
Decimal	16116981
CIE Lab	94.31, 4.60, -3.27
CIE LCh	94, 5.647, 324.591
Yxy	85.9960, 0.3131, 0.3201
Android (android.graphics.Color)	4294307061 (0xFF5ECF5)
YUV	239.7170, 2.6045, 4.6332
Hunter-Lab	92.7340, -0.3401, 1.9048

Details

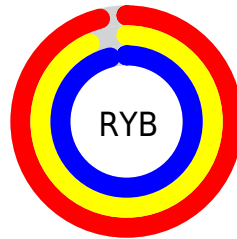
The XYZ color **84.1331, 85.9960, 98.5508** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **82.3881, 89.1961, 92.2356**, and the grayscale version is **82.5843, 86.8851, 94.6179**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.4928, 47.1355, 54.7917** is the 20% darker color. If you saturate the color by 10%, you get **77.5585, 72.8456, 96.3603**, and if you desaturate by 10%, it is **89.8984, 97.5254, 100.4737**.

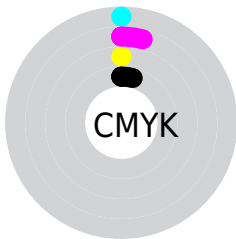
Distribution



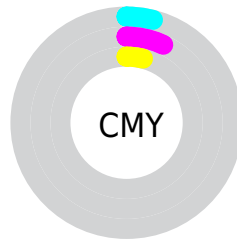
- Red (96%)
- Green (93%)
- Blue (96%)



- Red (96%)
- Yellow (93%)
- Blue (96%)



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



- Cyan (4%)
- Magenta (7%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 84.1331, 85.9960, 98.5508 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 84.1331, 85.9960, 98.5508 by changing the saturation by 10% instead.

84.1331, 85.9960,
98.5508

84.1331, 85.9960,
98.5508

497.2821,
514.9180, 576.7433

63.4454, 64.6647,
74.4807

138.0816,
141.7639, 161.1987

46.4616, 47.1892,
54.6884

172.0732,
176.9693, 200.6135

32.8164, 33.1853,
38.7554

211.2301,
217.5681, 245.9804

22.1444, 22.2684,
26.2631

255.9177,
263.9448, 297.7177

14.0802, 14.0543,
16.7930

306.5013,
316.4837, 356.2442

8.2586, 8.1584,
9.9267

363.3464,

4.3140, 4.1965,

375.5693, 421.9782

5.2454

426.8182,
441.5859, 495.3384

■ 1.8813, 1.7841,
2.3307

■ 0.5659, 0.4772,
0.7483

■ 84.1331, 85.9960,
98.5508

■ 84.1331, 85.9960,
98.5508

■ 77.5585, 72.8456,
96.3603

■ 89.8984, 97.5254,
100.4737

■ 71.9099, 61.5484,
94.4774

■ 89.8985, 97.5254,
100.4737

■ 67.1479, 52.0245,
92.8900

■ 89.8985, 97.5255,
100.4738

■ 63.2276, 44.1839,
91.5832

■ 89.8985, 97.5255,
100.4738

60.1000, 37.9287,
90.5406

89.8985, 97.5255,
100.4739

57.7112, 33.1510,
89.7443

89.8985, 97.5255,
100.4739

56.0004, 29.7294,
89.1740

89.8985, 97.5255,
100.4740

54.8973, 27.5233,
88.8062

89.8985, 97.5255,
100.4740

54.3164, 26.3615,
88.6125

89.8985, 97.5255,
100.4741

Harmonies

Analogous

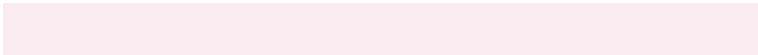
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.9544, 85.9960, 101.4250



84.1331, 85.9960, 98.5508



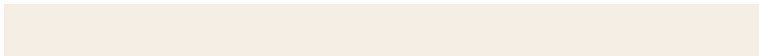
84.6701, 85.9960, 94.4233

Triad

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



84.1331, 85.9960, 98.5508



82.0114, 85.9960, 85.5753



79.1172, 85.9960, 97.1487

Complementary

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



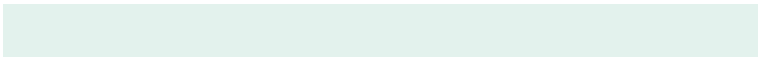
84.1331, 85.9960, 98.5508



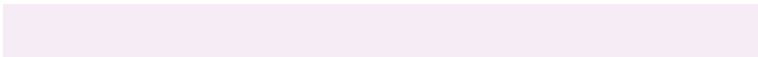
82.3881, 89.1961, 92.2356

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.



78.8717, 85.9960, 92.8511



84.1331, 85.9960, 98.5508



80.5308, 85.9960, 86.2545

Square

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



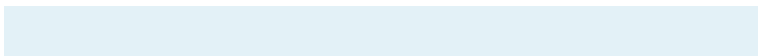
84.1331, 85.9960, 98.5508



83.4355, 85.9960, 87.0008



79.3861, 85.9960, 88.8855



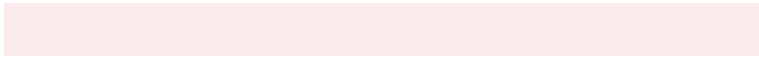
80.0609, 85.9960, 100.5982

Rectangle

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



84.1331, 85.9960, 98.5508



84.5873, 85.9960, 91.5497



79.3861, 85.9960, 88.8855



78.9508, 85.9960, 95.7518

Sweetspot

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



84.1356, 85.9997, 98.5527



94.2419, 98.3838, 108.6306



81.0728, 84.4208, 98.4094



20.1802, 21.0752, 23.2543



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

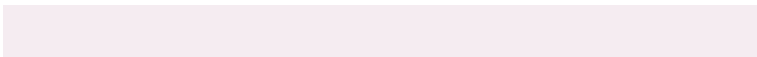
The Same Dimension uses a secret algorithm to generate beautiful new colors.



84.1356, 85.9997, 98.5527



91.8819, 93.6639, 107.8440



83.4570, 85.7283, 94.9795



17.8982, 18.1373, 21.1001



29.1650, 14.0094, 47.7047



2.5633, 1.2313, 4.1928

Inverse Universe

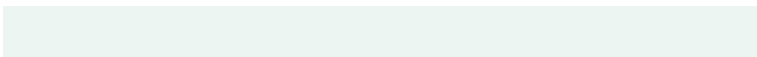
The Inverse Universe completely reimagines the original color for something new.



84.1356, 85.9997, 98.5527



91.8819, 93.6639, 107.8440



83.0500, 89.4609, 95.7214



17.8982, 18.1373, 21.1001



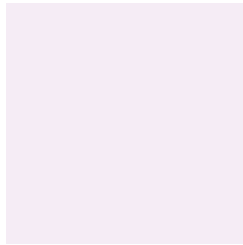
29.1650, 14.0094, 47.7047



2.5633, 1.2313, 4.1928

Previews

White Background



This preview shows how the XYZ color 84.1331, 85.9960, 98.5508 looks on a white background.

Color Contrast Check

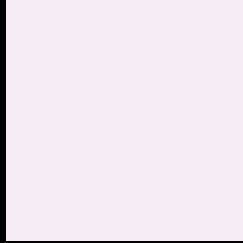
Large Text (above 18pt) WCAG AA × Fail

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 84.1331, 85.9960, 98.5508 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

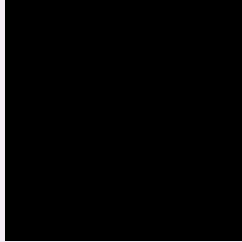
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

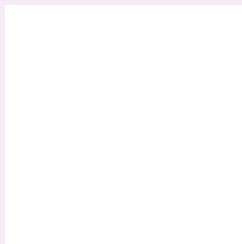
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 84.1331, 85.9960, 98.5508

Background



This preview shows how black text looks on a background with the XYZ color 84.1331, 85.9960, 98.5508.



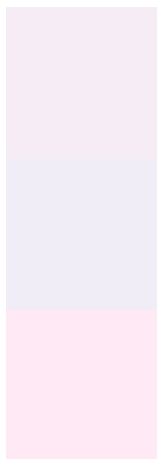
This preview shows how white text looks on a background with the XYZ color 84.1331, 85.9960,

98.5508.

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

84.1331, 85.9960, 98.5508

Protanopia

83.1944, 85.9230, 99.3888

Deuteranopia

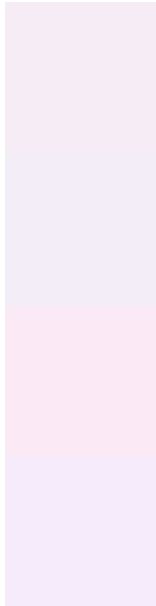
86.8603, 86.1304, 98.4330



Tritanopia

85.4440, 86.1013, 105.0443

Trichromacy



Original Color

84.1331, 85.9960, 98.5508

Protanomaly

83.5367, 86.0994, 99.4048

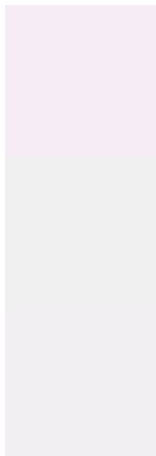
Deuteranomaly

85.6879, 85.9474, 98.4595

Tritanomaly

84.9697, 85.9116, 102.5467

Monochromacy



Original Color

84.1331, 85.9960, 98.5508

Achromatopsia

82.8234, 87.1367, 94.8919

Achromatomaly

83.5115, 87.0211, 96.3996

CSS Examples

Text

The CSS property to change the color of the text to XYZ 84.1331, 85.9960, 98.5508 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(245, 236, 245) looks like.

```
.text, #text, p{  
    color:rgb(245, 236, 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(245, 236, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 236, 245) }
```

Border

The CSS property to change the border of an element to XYZ 84.1331, 85.9960, 98.5508 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(245, 236, 245) }
```


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

```
.border{ border-color:rgb(245, 236, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 236, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(245, 236, 245); -webkit-box-shadow:4px 4px 4px 4px rgb(245, 236, 245); box-shadow:4px 4px 4px 4px rgb(245, 236, 245) }
```

Background

The CSS property to change the background color of an element to XYZ 84.1331, 85.9960, 98.5508 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 236, 245) }
```

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

```
.background{ background-color: rgb(245,  
236, 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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