

Converting Colors

XYZ(85.1705, 89.3531, 99.0009)

Have a look what the booklet for
XYZ(85.1705, 89.3531, 99.0009)
contains.

XYZ(85.1957, 89.1515, 99.1039)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

**XYZ(85.1957, 89.1515,
99.1039)**

Conversions

Conversions Part 1

Format	Color
Hex	F3F2F5
RGB	243, 242, 245
RGB Percent	95%, 95%, 96%
CMY	0.0471, 0.0510, 0.0392
CMYK	0.01, 0.01, 0.00, 0.04
HSL	260°, 13%, 95%
HSV	260°, 1%, 96%
XYZ	85.1957, 89.1515, 99.1039
YIQ	242.6410, -0.3670, 1.1450

Conversions

Conversions Part 2

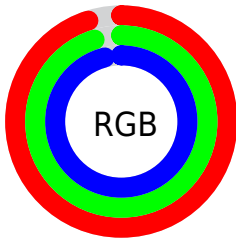
Format	Color
R_{YB}	243, 242, 245
Decimal	15987445
CIE Lab	95.64, 0.87, -1.33
CIE LCh	96, 1.593, 303.070
Yxy	89.1515, 0.3116, 0.3260
Android (android.graphics.Color)	4294177525 (0xFFFF3F2F5)
YUV	242.6410, 1.1630, 0.3148
Hunter-Lab	94.4201, -4.1737, 3.8629

Details

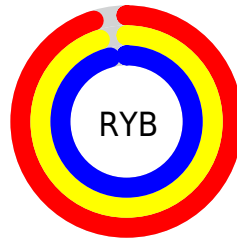
The XYZ color **85.1957, 89.1515, 99.1039** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **85.9910, 90.9511, 97.0320**, and the grayscale version is **84.8996, 89.3210, 97.2705**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.2377, 49.3567, 55.1812** is the 20% darker color. If you saturate the color by 10%, you get **72.9919, 72.7527, 96.5832**, and if you desaturate by 10%, it is **93.4817, 99.3727, 100.6414**.

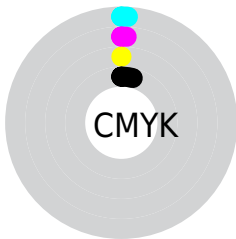
Distribution



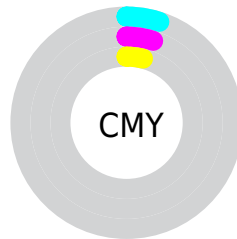
- Red (95%)
- Green (95%)
- Blue (96%)



- Red (95%)
- Yellow (95%)
- Blue (96%)



- Cyan (1%)
- Magenta (1%)
- Yellow (0%)
- Black (4%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 85.1957, 89.1515, 99.1039 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 85.1957, 89.1515, 99.1039 by changing the saturation by 10% instead.

85.1957, 89.1515,
99.1039

85.1957, 89.1515,
99.1039

500.7493,
525.2668, 578.5380

64.3261, 67.2771,
74.9397

139.5592,
146.1592, 161.9663

47.1775, 49.3099,
55.0620

173.7838,
182.0614, 201.5016

33.3846, 34.8653,
39.0525

213.1908,
223.4082, 246.9976

22.5819, 23.5592,
26.4924

258.1456,
270.5841, 298.8729

14.4040, 15.0069,
16.9633

309.0135,
323.9736, 357.5461

8.4858, 8.8243,
10.0466

366.1598,

4.4617, 4.6267,

383.9609, 423.4356

5.3239

429.9500,
450.9305, 496.9601

■ 1.9665, 2.0300,
2.3765

■ 0.6151, 0.6248,
0.7736

■ 85.1957, 89.1515,
99.1039

■ 85.1957, 89.1515,
99.1039

■ 72.9919, 72.7527,
96.5832

■ 93.4817, 99.3727,
100.6414

■ 62.2137, 58.4792,
94.3962

■ 52.8088, 46.2454,
92.5305

■ 44.7190, 35.9558,
90.9708

■ 37.8813, 27.5069,
89.7004

■ 32.2276, 20.7854,
88.7010

■ 27.6824, 15.6652,
87.9522

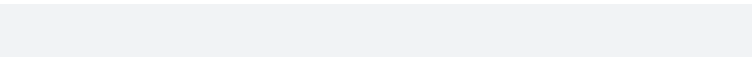
■ 24.1604, 12.0018,
87.4308

■ 21.5617, 9.6235,
87.1087

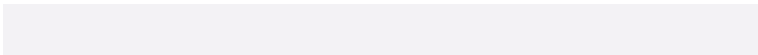
Harmonies

Analogous

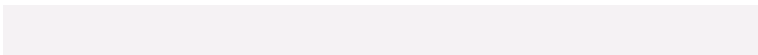
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



84.7809, 89.1515, 99.4966



85.1957, 89.1515, 99.1039



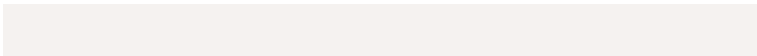
85.4881, 89.1515, 98.1661

Triad

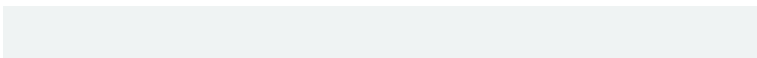
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



85.1957, 89.1515, 99.1039



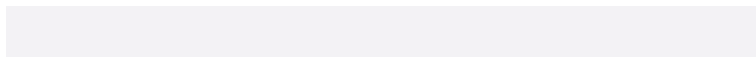
85.1174, 89.1515, 94.9386



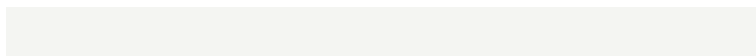
83.8985, 89.1515, 97.1999

Complementary

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



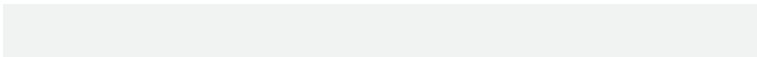
85.1957, 89.1515, 99.1039



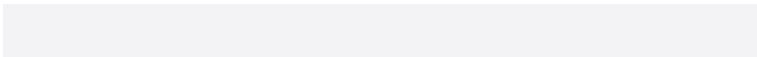
85.9910, 90.9511, 97.0320

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.



83.9880, 89.1515, 95.9837



85.1957, 89.1515, 99.1039



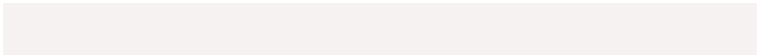
84.6908, 89.1515, 94.6848

Square

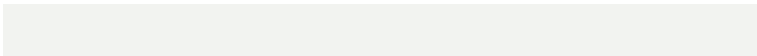
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



85.1957, 89.1515, 99.1039



85.4428, 89.1515, 95.7621



84.2776, 89.1515, 95.0658



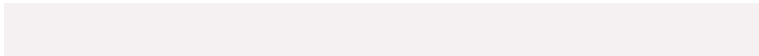
84.0328, 89.1515, 98.3914

Rectangle

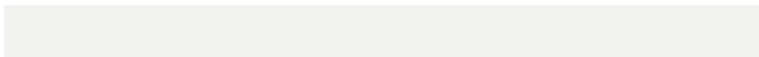
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



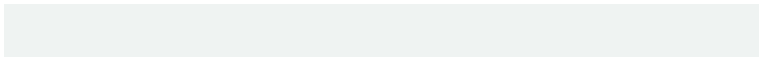
85.1957, 89.1515, 99.1039



85.5737, 89.1515, 97.3618



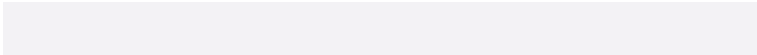
84.2776, 89.1515, 95.0658



83.9034, 89.1515, 96.7804

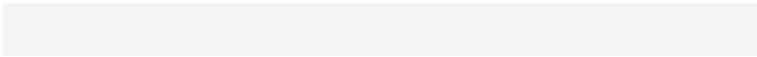
Sweetspot

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



85.1982, 89.1553, 99.1058

95.0500, 100.0000, 108.9000



85.4682, 90.2042, 99.2941



20.3446, 21.4041, 23.3091



0.0000, 0.0000, 0.0000

Same Dimension

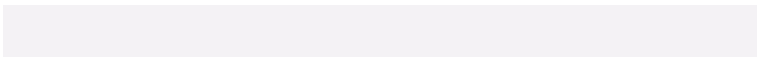
The Same Dimension uses a secret algorithm to generate beautiful new colors.



85.1982, 89.1553, 99.1058



93.6184, 98.0623, 108.6015



85.7010, 89.4145, 99.1294



18.3636, 19.2398, 21.2884



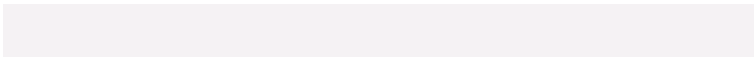
10.8579, 4.5717, 46.8482



1.0587, 0.4556, 4.1224

Inverse Universe

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



85.7406, 89.4525, 98.3396



94.1057, 98.3293, 107.9135



85.4895, 90.6926, 97.0086



18.4540, 19.2894, 21.1607



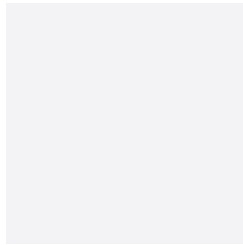
23.9415, 11.9200, 20.1980



2.1517, 1.0667, 2.0254

Previews

White Background



This preview shows how the XYZ color 85.1957, 89.1515, 99.1039 looks on a white background.

Color Contrast Check

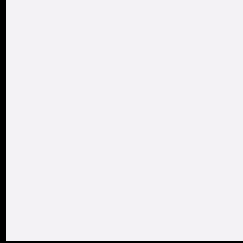
Large Text (above 18pt) WCAG AA × Fail

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 85.1957, 89.1515, 99.1039 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

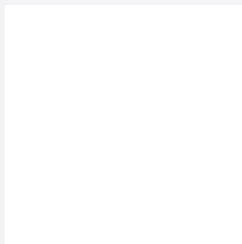
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 85.1957, 89.1515, 99.1039

Background



This preview shows how black text looks on a background with the XYZ color 85.1957, 89.1515, 99.1039.



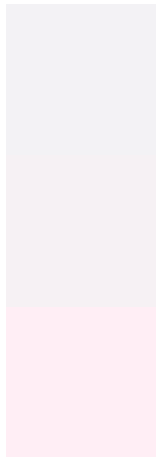
This preview shows how white text looks on a background with the XYZ color 85.1957, 89.1515,

99.139.

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

85.1957, 89.1515, 99.1039

Protanopia

85.7905, 89.0351, 98.2518

Deuteranopia

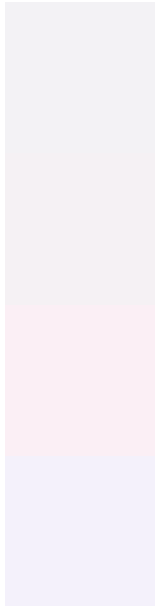
88.2960, 89.0016, 98.9115



Tritanopia

86.5183, 88.7733, 107.1827

Trichromacy



Original Color

85.1957, 89.1515, 99.1039

Protanomaly

85.4406, 88.8547, 98.2354

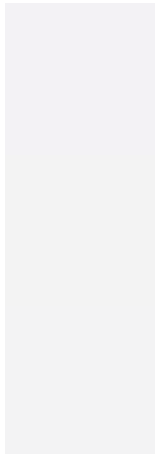
Deuteranomaly

87.1316, 88.8348, 98.9407

Tritanomaly

86.1761, 89.1087, 103.9245

Monochromacy



Original Color

85.1957, 89.1515, 99.1039

Achromatopsia

85.1904, 89.6269, 97.6037

Achromatomaly

85.3419, 89.6875, 98.4014

CSS Examples

Text

The CSS property to change the color of the text to XYZ 85.1957, 89.1515, 99.1039 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(243, 242, 245) looks like.

```
.text, #text, p{  
    color:rgb(243, 242, 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(243, 242, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 242, 245) }
```

Border

The CSS property to change the border of an element to XYZ 85.1957, 89.1515, 99.1039 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(243, 242, 245) }
```

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

```
.border{ border-color:rgb(243, 242, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 242, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 242, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 242, 245);  
box-shadow:4px 4px 4px 4px rgb(243, 242,  
245) }
```


Background

The CSS property to change the background color of an element to XYZ 85.1957, 89.1515, 99.1039 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 242, 245) }
```

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

```
.background{ background-color: rgb(243,  
242, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor