

Converting Colors

XYZ(85.5577, 90.8160, 99.6366)

Have a look what the booklet for
XYZ(85.5577, 90.8160, 99.6366)
contains.

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Color

**XYZ(85.4095, 90.5982,
99.3718)**

Conversions

Conversions Part 1

Format	Color
Hex	F1F5F5
RGB	241, 245, 245
RGB Percent	95%, 96%, 96%
CMY	0.0549, 0.0392, 0.0392
CMYK	0.02, 0.00, 0.00, 0.04
HSL	180°, 17%, 95%
HSV	180°, 2%, 96%
XYZ	85.4095, 90.5982, 99.3718
YIQ	243.8040, -2.3840, -0.8480

Conversions

Conversions Part 2

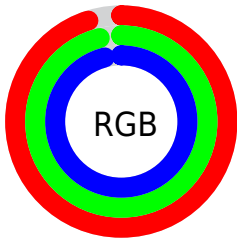
Format	Color
R _Y B	241, 243, 245
Decimal	15857141
CIE Lab	96.24, -1.32, -0.47
CIE LCh	96, 1.400, 199.771
Yxy	90.5982, 0.3102, 0.3290
Android (android.graphics.Color)	4294047221 (0xFFFF1F5F5)
YUV	243.8040, 0.5896, -2.4591
Hunter-Lab	95.1831, -6.3991, 4.7290

Details

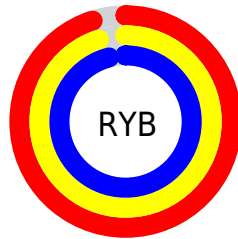
The XYZ color **85.4095, 90.5982, 99.3718** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **84.9921, 88.6764, 95.8604**, and the grayscale version is **85.8315, 90.3014, 98.3382**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.3905, 50.3836, 55.3714** is the 20% darker color. If you saturate the color by 10%, you get **77.5992, 86.5748, 98.9880**, and if you desaturate by 10%, it is **90.3797, 93.1625, 99.6264**.

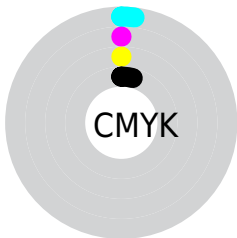
Distribution



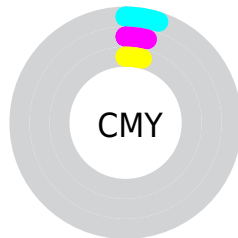
- Red (95%)
- Green (96%)
- Blue (96%)



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



- Cyan (2%)
- Magenta (0%)
- Yellow (0%)
- Black (4%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 85.4095, 90.5982, 99.3718 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 85.4095, 90.5982, 99.3718 by changing the saturation by 10% instead.

85.4095, 90.5982,
99.3718

85.4095, 90.5982,
99.3718

501.4454,
529.9749, 579.4062

64.5034, 68.4769,
75.1620

139.8562,
148.1690, 162.3380

47.3217, 50.2858,
55.2431

174.1276,
184.3874, 201.9315

33.4991, 35.6405,
39.1965

213.5848,
226.0735, 247.4899

22.6701, 24.1567,
26.6036

258.5932,
273.6118, 299.4320

14.4695, 15.4499,
17.0459

309.5181,
327.3867, 358.1761

8.5318, 9.1357,
10.1050

366.7248,

4.4917, 4.8298,

387.7826, 424.1408

5.3621

430.5788,
455.1838, 497.7446

■ 1.9839, 2.1478,
2.3988

■ 0.6249, 0.6913,
0.7858

■ 85.4095, 90.5982,
99.3718

■ 85.4095, 90.5982,
99.3718

■ 77.5992, 86.5748,
98.9880

■ 90.3797, 93.1625,
99.6264

■ 70.8665, 83.1044,
98.6527

■ 90.3836, 93.1641,
99.6468

■ 65.1665, 80.1664,
98.3658

■ 90.3874, 93.1656,
99.6672

■ 60.4480, 77.7344,
98.1248

■ 90.3913, 93.1672,
99.6875

■ 56.6557, 75.7798,
97.9272

■ 90.3952, 93.1687,
99.7079

■ 53.7286, 74.2713,
97.7700

■ 90.3990, 93.1703,
99.7283

■ 51.5985, 73.1737,
97.6502

■ 90.4029, 93.1718,
99.7486

■ 50.1870, 72.4465,
97.5640

■ 90.4068, 93.1734,
99.7690

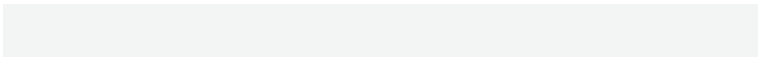
■ 49.3998, 72.0411,
97.5070

■ 90.4107, 93.1749,
99.7894

Harmonies

Analogous

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



85.3775, 90.5982, 98.2664



85.4095, 90.5982, 99.3718



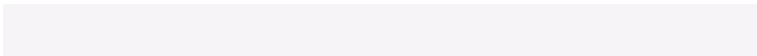
85.6291, 90.5982, 100.2891

Triad

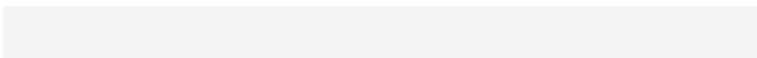
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



85.4095, 90.5982, 99.3718



86.6827, 90.5982, 100.0348



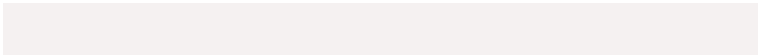
86.2437, 90.5982, 96.5547

Complementary

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



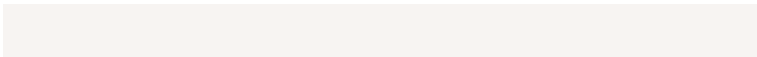
85.4095, 90.5982, 99.3718



84.9921, 88.6764, 95.8604

Split Complementary

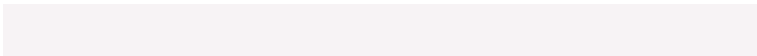
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



86.5944, 90.5982, 97.0210



85.4095, 90.5982, 99.3718



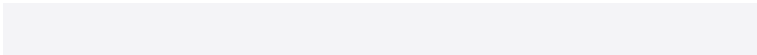
86.8484, 90.5982, 99.0266

Square

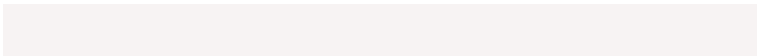
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



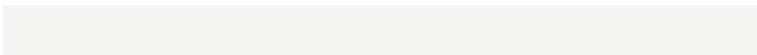
85.4095, 90.5982, 99.3718



86.3639, 90.5982, 100.6739



86.8161, 90.5982, 97.9238



85.8583, 90.5982, 96.6456

Rectangle

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



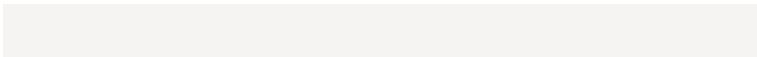
85.4095, 90.5982, 99.3718



85.8527, 90.5982, 100.6680



86.8161, 90.5982, 97.9238



86.3695, 90.5982, 96.6513

Sweetspot

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



85.4121, 90.6021, 99.3738

95.0500, 100.0000, 108.9000



84.8306, 90.3721, 96.1930



20.3446, 21.4041, 23.3091



0.0000, 0.0000, 0.0000

Same Dimension

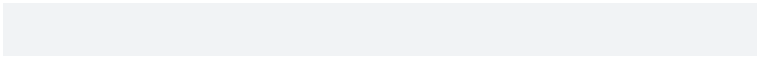
The Same Dimension uses a secret algorithm to generate beautiful new colors.



85.4121, 90.6021, 99.3738



93.1977, 99.0452, 108.8089



84.8302, 89.4374, 99.1830



18.2854, 19.4222, 21.3269



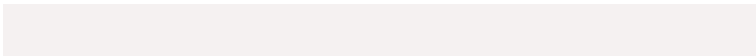
26.4490, 38.7244, 52.5113



2.3248, 3.4036, 4.6165

Inverse Universe

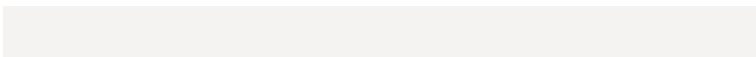
The Inverse Universe completely reimagines the original color for something new.



84.9921, 88.6764, 95.8604



92.6350, 96.4653, 104.1019



85.5674, 89.8280, 96.0491



18.1809, 18.9432, 20.4530



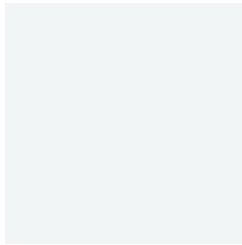
20.2872, 10.4583, 0.9549



1.7833, 0.9193, 0.0852

Previews

White Background



This preview shows how the XYZ color 85.4095, 90.5982, 99.3718 looks on a white background.

Color Contrast Check

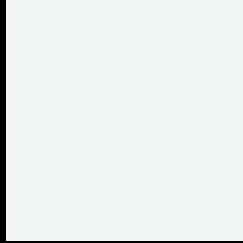
Large Text (above 18pt) WCAG AA × Fail

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 85.4095, 90.5982, 99.3718 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

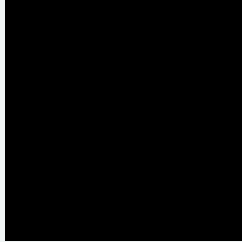
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

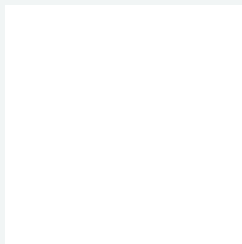
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 85.4095, 90.5982, 99.3718

Background



This preview shows how black text looks on a background with the XYZ color 85.4095, 90.5982, 99.3718.



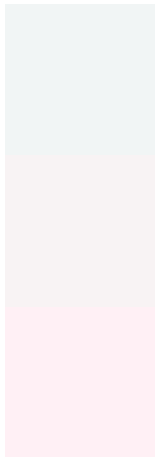
This preview shows how white text looks on a background with the XYZ color 85.4095, 90.5982,

99.3 18.

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

85.4095, 90.5982, 99.3718

Protanopia

87.0911, 90.5893, 98.4832

Deuteranopia

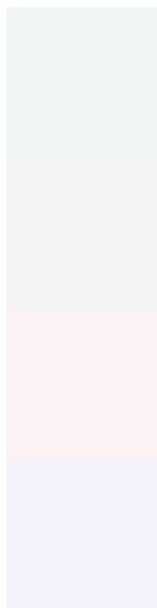
88.8815, 90.1727, 99.1067



Tritanopia

87.4088, 90.5543, 107.4795

Trichromacy



Original Color

85.4095, 90.5982, 99.3718

Protanomaly

86.3360, 90.6455, 98.5339

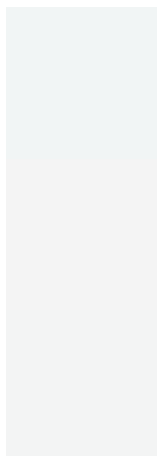
Deuteranomaly

87.6579, 90.4208, 99.2191

Tritanomaly

86.7254, 90.7211, 104.2068

Monochromacy



Original Color

85.4095, 90.5982, 99.3718

Achromatopsia

85.9880, 90.4661, 98.5176

Achromatomaly

85.6420, 90.2877, 98.5014

CSS Examples

Text

The CSS property to change the color of the text to XYZ 85.4095, 90.5982, 99.3718 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(241, 245, 245) looks like.

```
.text, #text, p{  
    color:rgb(241, 245, 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(241, 245, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 245, 245) }
```

Border

The CSS property to change the border of an element to XYZ 85.4095, 90.5982, 99.3718 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(241, 245, 245) }
```

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

```
.border{ border-color:rgb(241, 245, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 245, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 245, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 245, 245);  
box-shadow:4px 4px 4px 4px rgb(241, 245,  
245) }
```


Background

The CSS property to change the background color of an element to XYZ 85.4095, 90.5982, 99.3718 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 245, 245) }
```

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

```
.background{ background-color: rgb(241,  
245, 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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