

Converting Colors

XYZ(85.1283, 87.2470, 99.2530)

Have a look what the booklet for
XYZ(85.1283, 87.2470, 99.2530)
contains.

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Color

**XYZ(85.2151, 87.3957,
99.5665)**

Conversions

Conversions Part 1

Format	Color
Hex	F6EEF6
RGB	246, 238, 246
RGB Percent	96%, 93%, 96%
CMY	0.0353, 0.0666, 0.0353
CMYK	0.00, 0.03, 0.00, 0.04
HSL	300°, 31%, 95%
HSV	300°, 3%, 96%
XYZ	85.2151, 87.3957, 99.5665
YIQ	241.3040, 2.2000, 4.1840

Conversions

Conversions Part 2

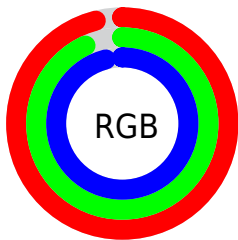
Format	Color
R _Y B	246, 238, 246
Decimal	16183030
CIE Lab	94.91, 4.09, -2.91
CIE LCh	95, 5.015, 324.561
Yxy	87.3957, 0.3131, 0.3211
Android (android.graphics.Color)	4294373110 (0xFF6EEF6)
YUV	241.3040, 2.3151, 4.1184
Hunter-Lab	93.4857, -0.8916, 2.2934

Details

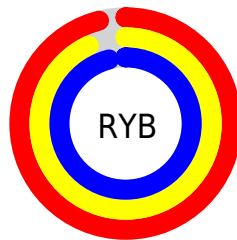
The XYZ color **85.2151, 87.3957, 99.5665** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **83.6516, 90.2640, 93.9072**, and the grayscale version is **83.8318, 88.1976, 96.0471**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.2574, 48.1208, 55.5127** is the 20% darker color. If you saturate the color by 10%, you get **78.5378, 74.0398, 97.3418**, and if you desaturate by 10%, it is **90.4014, 97.7670, 101.2963**.

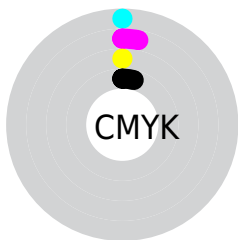
Distribution



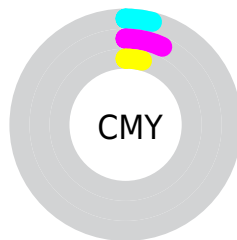
- Red (96%)
- Green (93%)
- Blue (96%)



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



- Cyan (0%)
- Magenta (3%)
- Yellow (0%)
- Black (4%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 85.2151, 87.3957, 99.5665 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 85.2151, 87.3957, 99.5665 by changing the saturation by 10% instead.

85.2151, 87.3957,
99.5665

85.2151, 87.3957,
99.5665

500.8125,
519.5222, 580.0367

64.3422, 65.8227,
75.3237

139.5861,
143.7156, 162.6080

47.1906, 48.1285,
55.3748

173.8150,
179.2312, 202.2438

33.3950, 33.9287,
39.3012

213.2266,
220.1632, 247.8476

22.5899, 22.8388,
26.6845

258.1862,
266.8960, 299.8381

14.4100, 14.4745,
17.1061

309.0593,
319.8138, 358.6337

8.4900, 8.4514,
10.1474

366.2111,

4.4645, 4.3851,

379.3013, 424.6529

5.3899

430.0071,
445.7426, 498.3145

■ 1.9681, 1.8913,
2.4151

■ 0.6160, 0.5431,
0.7946

■ 85.2151, 87.3957,
99.5665

■ 85.2151, 87.3957,
99.5665

■ 78.5378, 74.0398,
97.3418

■ 90.4014, 97.7670,
101.2963

■ 72.7971, 62.5585,
95.4283

■ 90.4014, 97.7671,
101.2963

■ 67.9535, 52.8714,
93.8137

■ 90.4015, 97.7671,
101.2963

■ 63.9618, 44.8879,
92.4832

■ 90.4015, 97.7671,
101.2963

60.7725, 38.5096,
91.4201

90.4015, 97.7671,
101.2963

58.3316, 33.6278,
90.6065

90.4016, 97.7671,
101.2963

56.5780, 30.1206,
90.0219

90.4016, 97.7671,
101.2963

55.4412, 27.8470,
89.6430

90.4016, 97.7672,
101.2963

54.8355, 26.6356,
89.4411

90.4016, 97.7672,
101.2963

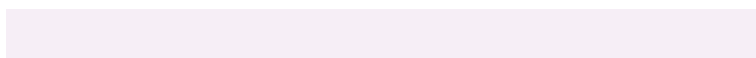
Harmonies

Analogous

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



84.1584, 87.3957, 102.1321



85.2151, 87.3957, 99.5665



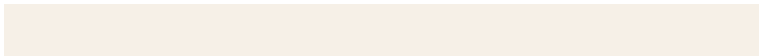
85.6967, 87.3957, 95.8705

Triad

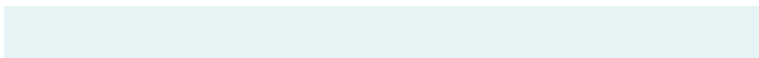
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



85.2151, 87.3957, 99.5665



83.3150, 87.3957, 87.8989



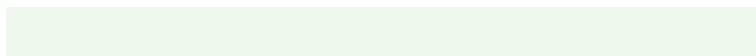
80.7120, 87.3957, 98.3051

Complementary

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



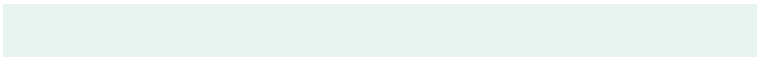
85.2151, 87.3957, 99.5665



83.6516, 90.2640, 93.9072

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.



80.4917, 87.3957, 94.4512



85.2151, 87.3957, 99.5665



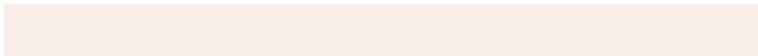
81.9851, 87.3957, 88.5108

Square

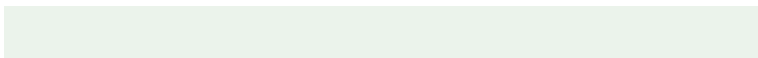
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



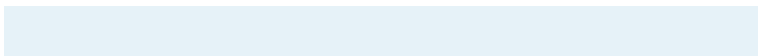
85.2151, 87.3957, 99.5665



84.5920, 87.3957, 89.1887



80.9553, 87.3957, 90.8836



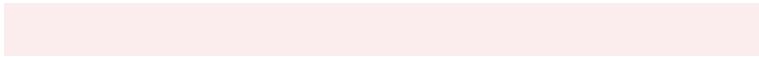
81.5604, 87.3957, 101.3901

Rectangle

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



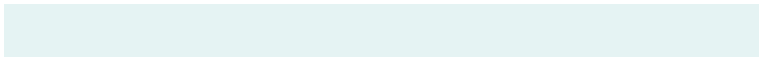
85.2151, 87.3957, 99.5665



85.6230, 87.3957, 93.2892



80.9553, 87.3957, 90.8836



80.5624, 87.3957, 97.0538

Sweetspot

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



85.2176, 87.3995, 99.5684



94.2419, 98.3838, 108.6306



82.5117, 86.0621, 99.4529



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.



85.2176, 87.3995, 99.5684



91.8819, 93.6639, 107.8440



84.6304, 87.1646, 96.4762



17.8982, 18.1373, 21.1001



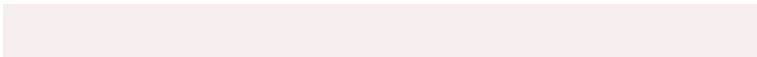
29.1649, 14.0094, 47.7049



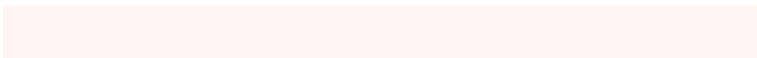
2.5633, 1.2313, 4.1928

Inverse Universe

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



84.0163, 86.9189, 93.2423



90.2828, 93.0242, 99.4233



84.2256, 90.4937, 96.9303



17.5292, 17.9898, 19.1570



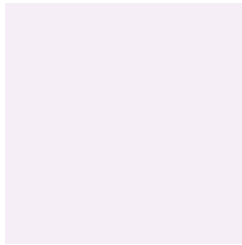
20.2862, 10.4579, 0.9494



1.7830, 0.9191, 0.0834

Previews

White Background



This preview shows how the XYZ color 85.2151, 87.3957, 99.5665 looks on a white background.

Color Contrast Check

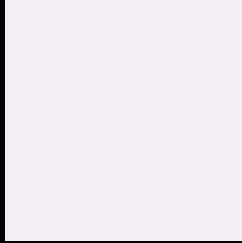
Large Text (above 18pt) WCAG AA × Fail

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 85.2151, 87.3957, 99.5665 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

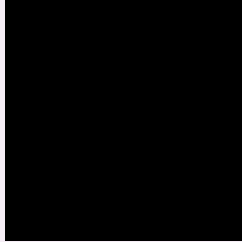
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

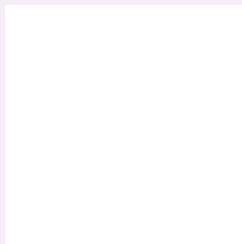
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 85.2151, 87.3957, 99.5665

Background



This preview shows how black text looks on a background with the XYZ color 85.2151, 87.3957, 99.5665.



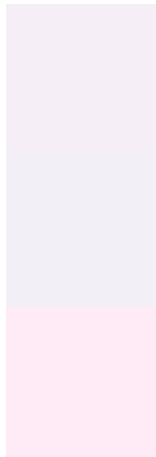
This preview shows how white text looks on a background with the XYZ color 85.2151, 87.3957,

99.5665.

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

85.2151, 87.3957, 99.5665

Protanopia

84.6172, 87.5031, 100.4257

Deuteranopia

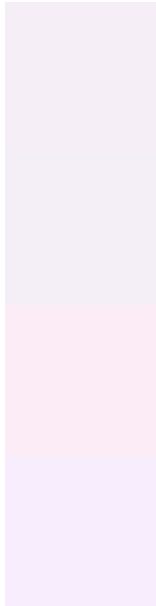
87.4298, 87.2692, 98.6228



Tritanopia

86.6920, 87.5625, 106.9398

Trichromacy



Original Color

85.2151, 87.3957, 99.5665

Protanomaly

84.9632, 87.6815, 100.4419

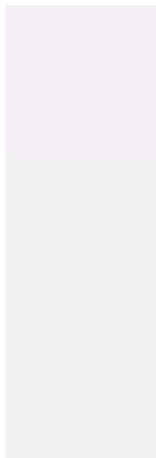
Deuteranomaly

86.6218, 87.2789, 98.6673

Tritanomaly

86.2126, 87.3708, 104.4158

Monochromacy



Original Color

85.2151, 87.3957, 99.5665

Achromatopsia

83.6081, 87.9622, 95.7909

Achromatomaly

84.2999, 87.8459, 97.3069

CSS Examples

Text

The CSS property to change the color of the text to XYZ 85.2151, 87.3957, 99.5665 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(246, 238, 246) looks like.

```
.text, #text, p{  
    color:rgb(246, 238, 246)  
}
```

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(246, 238, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 238, 246) }
```

Border

The CSS property to change the border of an element to XYZ 85.2151, 87.3957, 99.5665 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(246, 238, 246) }
```


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

```
.border{ border-color:rgb(246, 238, 246) }
```

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

Here you see how a box with a 4 pixel rgb(246, 238, 246) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 238, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 238, 246);  
box-shadow:4px 4px 4px 4px rgb(246, 238,  
246) }
```

Background

The CSS property to change the background color of an element to XYZ 85.2151, 87.3957, 99.5665 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 238, 246) }
```

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

```
.background{ background-color: rgb(246,  
238, 246) }
```

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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