

Converting Colors

XYZ(85.3377, 88.7856, 99.1937)

Have a look what the booklet for
XYZ(85.3377, 88.7856, 99.1937)
contains.

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Color

**XYZ(85.2450, 88.7363,
99.0211)**

Conversions

Conversions Part 1

Format	Color
Hex	F4F1F5
RGB	244, 241, 245
RGB Percent	96%, 95%, 96%
CMY	0.0431, 0.0549, 0.0392
CMYK	0.00, 0.02, 0.00, 0.04
HSL	285°, 17%, 95%
HSV	285°, 2%, 96%
XYZ	85.2450, 88.7363, 99.0211
YIQ	242.3530, 0.5040, 1.8800

Conversions

Conversions Part 2

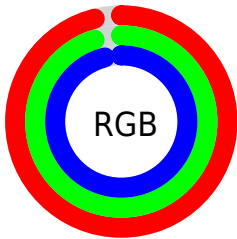
Format	Color
R_{YB}	244, 241, 245
Decimal	16052725
CIE _{Lab}	95.47, 1.71, -1.58
CIE _{LCh}	95, 2.328, 317.268
Yxy	88.7363, 0.3123, 0.3250
Android (android.graphics.Color)	4294242805 (0xFFFF4F1F5)
YUV	242.3530, 1.3050, 1.4444
Hunter-Lab	94.1999, -3.3187, 3.6155

Details

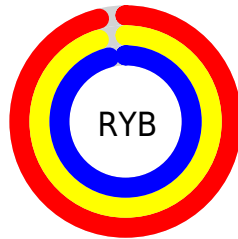
The XYZ color **85.2450, 88.7363, 99.0211** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **85.1509, 90.5353, 96.2108**, and the grayscale version is **84.6696, 89.0790, 97.0070**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.2733, 49.0634, 55.1227** is the 20% darker color. If you saturate the color by 10%, you get **76.3839, 74.1187, 96.6680**, and if you desaturate by 10%, it is **91.7135, 98.4611, 100.5586**.

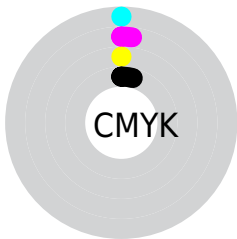
Distribution



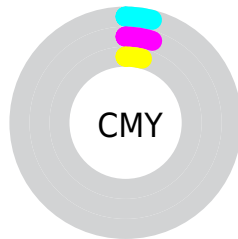
- Red (96%)
- Green (95%)
- Blue (96%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 85.2450, 88.7363, 99.0211 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 85.2450, 88.7363, 99.0211 by changing the saturation by 10% instead.

85.2450, 88.7363,
99.0211

85.2450, 88.7363,
99.0211

500.9099,
523.9115, 578.2695

64.3670, 66.9330,
74.8709

139.6277,
145.5818, 161.8514

47.2108, 49.0302,
55.0061

173.8631,
181.3928, 201.3687

33.4110, 34.6434,
39.0080

213.2817,
222.6419, 246.8454

22.6022, 23.3883,
26.4580

258.2488,
269.7134, 298.7001

14.4191, 14.8805,
16.9378

309.1299,
322.9917, 357.3513

8.4964, 8.7356,
10.0287

366.2901,

4.4686, 4.5691,

382.8612, 423.2176

5.3121

430.0950,
449.7063, 496.7175

■ 1.9705, 1.9967,
2.3696

■ 0.6173, 0.6056,
0.7698

■ 85.2450, 88.7363,
99.0211

■ 85.2450, 88.7363,
99.0211

■ 76.3839, 74.1187,
96.6680

■ 91.7135, 98.4611,
100.5586

■ 68.5270, 61.4067,
94.6284

■ 93.4817, 99.3727,
100.6413

■ 61.6349, 50.5213,
92.8906

■ 55.6626, 41.3736,
91.4397

■ 50.5614, 33.8670,
90.2596

■ 46.2777, 27.8957,
89.3328

■ 42.7517, 23.3408,
88.6395

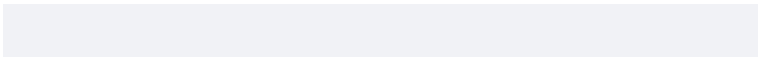
■ 39.9145, 20.0660,
88.1569

■ 37.6837, 17.9074,
87.8578

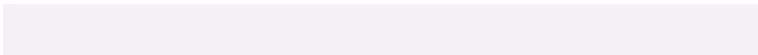
Harmonies

Analogous

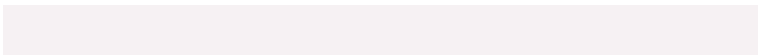
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



84.7057, 88.7363, 100.0108



85.2450, 88.7363, 99.0211



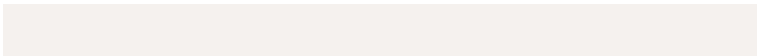
85.5428, 88.7363, 97.3947

Triad

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



85.2450, 88.7363, 99.0211



84.6117, 88.7363, 93.2340



83.1758, 88.7363, 97.6648

Complementary

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



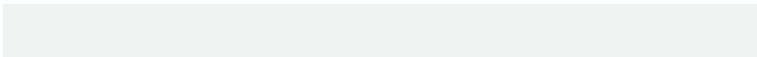
85.2450, 88.7363, 99.0211



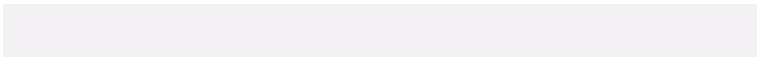
85.1509, 90.5353, 96.2108

Split Complementary

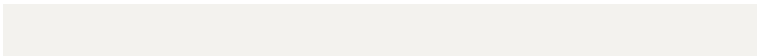
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



83.1509, 88.7363, 95.8469



85.2450, 88.7363, 99.0211



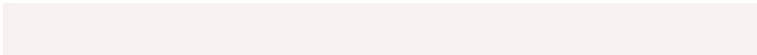
83.9778, 88.7363, 93.3043

Square

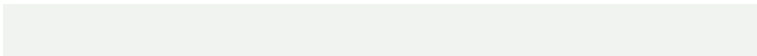
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



85.2450, 88.7363, 99.0211



85.1759, 88.7363, 94.0624



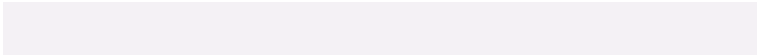
83.4438, 88.7363, 94.2556



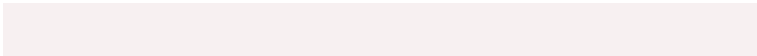
83.5119, 88.7363, 99.2210

Rectangle

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



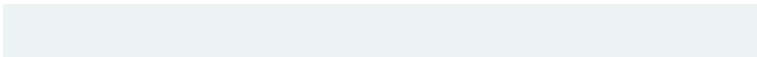
85.2450, 88.7363, 99.0211



85.5633, 88.7363, 96.1752



83.4438, 88.7363, 94.2556



83.1308, 88.7363, 97.0637

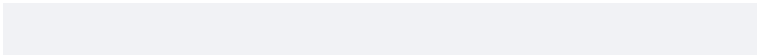
Sweetspot

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



85.2475, 88.7401, 99.0230

95.0500, 100.0000, 108.9000



84.5327, 88.8412, 99.0802



20.3446, 21.4041, 23.3091



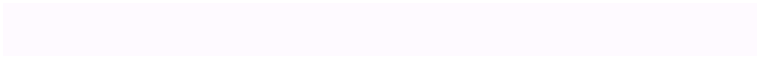
0.0000, 0.0000, 0.0000

Same Dimension

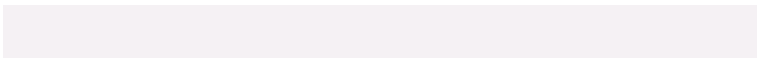
The Same Dimension uses a secret algorithm to generate beautiful new colors.



85.2475, 88.7401, 99.0230



92.9766, 96.5478, 108.3429



85.4534, 88.8627, 98.2914



18.2444, 18.9586, 21.2404



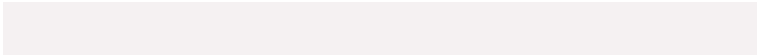
19.6217, 9.0897, 47.2583



1.8180, 0.8470, 4.1579

Inverse Universe

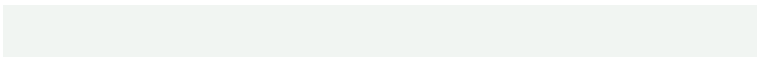
The Inverse Universe completely reimagines the original color for something new.



85.1416, 88.7379, 96.6496



92.8349, 96.5452, 105.1546



84.9482, 90.4147, 96.9302



18.2180, 18.9581, 20.6485



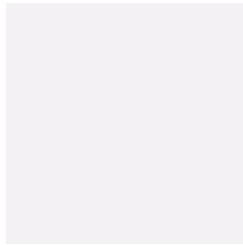
20.7908, 10.6598, 3.6069



1.8669, 0.9527, 0.5254

Previews

White Background



This preview shows how the XYZ color 85.2450, 88.7363, 99.0211 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 85.2450, 88.7363, 99.0211 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

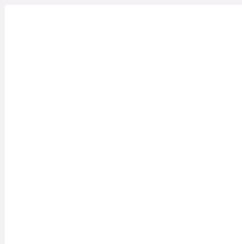
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 85.2450, 88.7363, 99.0211

Background



This preview shows how black text looks on a background with the XYZ color 85.2450, 88.7363, 99.0211.



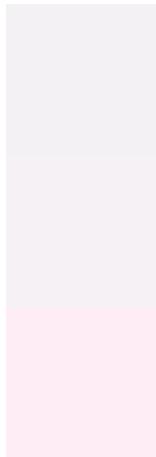
This preview shows how white text looks on a background with the XYZ color 85.2450, 88.7363,

99.0 11.

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

85.2450, 88.7363, 99.0211

Protanopia

85.5929, 88.9156, 99.0374

Deuteranopia

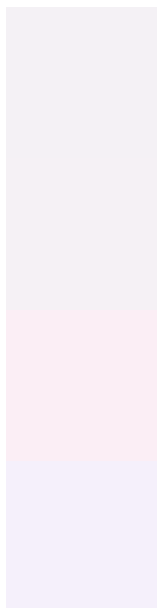
88.0056, 88.4209, 98.8148



Tritanopia

86.8663, 88.9527, 107.1990

Trichromacy



Original Color

85.2450, 88.7363, 99.0211

Protanomaly

85.5929, 88.9156, 99.0374

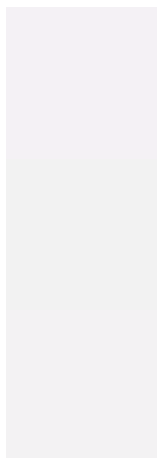
Deuteranomaly

86.8396, 88.2509, 98.8434

Tritanomaly

86.2289, 88.6977, 103.8424

Monochromacy



Original Color

85.2450, 88.7363, 99.0211

Achromatopsia

84.3971, 88.7923, 96.6948

Achromatomaly

84.8919, 89.0300, 97.5042

CSS Examples

Text

The CSS property to change the color of the text to XYZ 85.2450, 88.7363, 99.0211 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(244, 241, 245) looks like.

```
.text, #text, p{  
    color:rgb(244, 241, 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(244, 241, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 241, 245) }
```

Border

The CSS property to change the border of an element to XYZ 85.2450, 88.7363, 99.0211 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(244, 241, 245) }
```

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

```
.border{ border-color:rgb(244, 241, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 241, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 241, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 241, 245);  
box-shadow:4px 4px 4px 4px rgb(244, 241,  
245) }
```


Background

The CSS property to change the background color of an element to XYZ 85.2450, 88.7363, 99.0211 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 241, 245) }
```

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

```
.background{ background-color: rgb(244,  
241, 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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