

Converting Colors

XYZ(86.6468, 88.6119,
104.7282)

Have a look what the booklet for
XYZ(86.6468, 88.6119, 104.7282)
contains.

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Color

**XYZ(86.4432, 88.3541,
104.5935)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | F6EFFC |
| RGB | 246, 239, 252 |
| RGB Percent | 96%, 94%, 99% |
| CMY | 0.0353, 0.0627, 0.0118 |
| CMYK | 0.02, 0.05, 0.00, 0.01 |
| HSL | 272°, 68%, 96% |
| HSV | 272°, 5%, 99% |
| XYZ | 86.4432, 88.3541, 104.5935 |
| YIQ | 242.5750, -0.0010, 5.5270 |

Conversions

Conversions Part 2

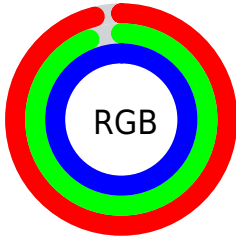
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 246, 239, 252 |
| Decimal | 16183292 |
| CIE Lab | 95.31, 4.65, -5.42 |
| CIE LCh | 95, 7.145, 310.600 |
| Yxy | 88.3541, 0.3094, 0.3162 |
| Android (android.graphics.Color) | 4294373372 (0xFF6E6FC) |
| YUV | 242.5750, 4.6465, 3.0037 |
| Hunter-Lab | 93.9969, -0.3389, -0.1762 |

Details

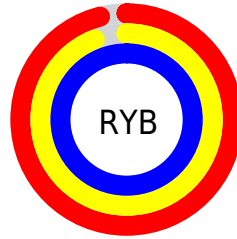
The XYZ color **86.4432, 88.3541, 104.5935** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **88.0500, 95.2677, 95.4136**, and the grayscale version is **84.8202, 89.2375, 97.1796**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **48.0190, 48.7543, 58.5094** is the 20% darker color. If you saturate the color by 10%, you get **75.6207, 72.5778, 102.1201**, and if you desaturate by 10%, it is **94.5709, 99.8084, 106.3774**.

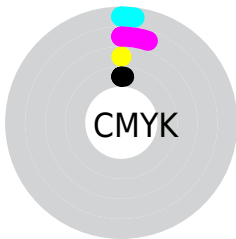
Distribution



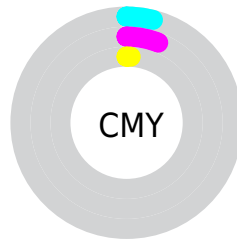
- Red (96%)
- Green (94%)
- Blue (99%)



- Red (96%)
- Yellow (94%)
- Blue (99%)



- Cyan (2%)
- Magenta (5%)
- Yellow (0%)
- Black (1%)



- Cyan (4%)
- Magenta (6%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 86.4432, 88.3541, 104.5935 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 86.4432, 88.3541, 104.5935 by changing the saturation by 10% instead.

86.4432, 88.3541,
104.5935

86.4432, 88.3541,
104.5935

504.8035,
522.6621, 596.1936

65.3610, 66.6164,
79.5041

141.2914,
145.0500, 169.5622

48.0197, 48.7729,
58.7866

175.7882,
180.7770, 210.2786

34.0538, 34.4394,
42.0225

215.4873,
221.9359, 257.0411

23.0980, 23.2313,
28.7932

260.7539,
268.9110, 310.2682

14.7870, 14.7644,
18.6802

311.9535,
322.0868, 370.3785

8.7554, 8.6542,
11.2650

369.4514,

4.6378, 4.5163,

381.8477, 437.7904

6.1289

433.6129,
448.5780, 512.9226

■ 2.0689, 1.9664,
2.8536

■ 0.6722, 0.5878,
1.0204

■ 86.4432, 88.3541,
104.5935

■ 86.4432, 88.3541,
104.5935

■ 75.6207, 72.5778,
102.1201

94.5709, 99.8084,
106.3774

■ 66.0329, 58.8996,
99.9853

■ 57.6323, 47.2303,
98.1756

■ 50.3653, 37.4699,
96.6747

■ 44.1736, 29.5094,
95.4645

■ 38.9932, 23.2286,
94.5252

■ 34.7523, 18.4920,
93.8345

■ 31.3680, 15.1419,
93.3662

■ 28.7390, 12.9846,
93.0884

Harmonies

Analogous

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



84.6700, 88.3541, 107.1551



86.4432, 88.3541, 104.5935



87.5666, 88.3541, 99.8159

Triad

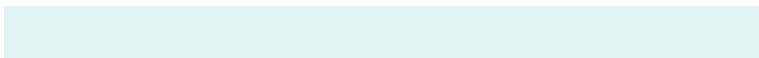
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



86.4432, 88.3541, 104.5935



85.2303, 88.3541, 86.4197



80.3439, 88.3541, 98.1927

Complementary

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



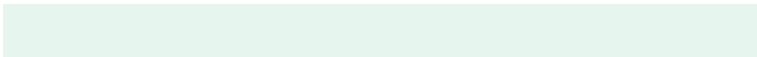
86.4432, 88.3541, 104.5935



88.0500, 95.2677, 95.4136

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.



80.4887, 88.3541, 92.6776



86.4432, 88.3541, 104.5935



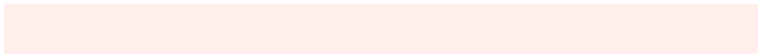
83.2897, 88.3541, 86.0230

Square

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



86.4432, 88.3541, 104.5935



86.8588, 88.3541, 89.3782



81.5600, 88.3541, 88.2729



81.1614, 88.3541, 103.3658

Rectangle

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



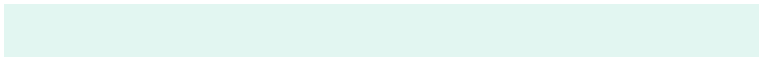
86.4432, 88.3541, 104.5935



87.7856, 88.3541, 96.0901



81.5600, 88.3541, 88.2729



80.2820, 88.3541, 96.3152

Sweetspot

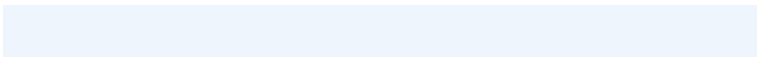
The Sweet Spot groups the original color and five complimentary colors.



86.4458, 88.3579, 104.5954



92.5836, 96.3452, 108.3246



85.8432, 90.7276, 105.0846



19.8426, 20.6601, 23.1919



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.



86.4458, 88.3579, 104.5954



87.8106, 89.3085, 107.2179



88.5160, 89.4331, 104.3343



17.8402, 18.0757, 21.9340



14.5848, 6.4614, 48.4520



1.4731, 0.6615, 4.4932

Inverse Universe

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



87.4960, 89.0251, 98.9628



89.0639, 90.1045, 100.5024



86.0544, 94.2315, 95.6547



18.1239, 18.2559, 20.4148



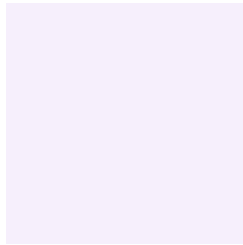
22.6371, 11.4706, 10.0634



2.1495, 1.0835, 1.2105

Previews

White Background



This preview shows how the XYZ color 86.4432, 88.3541, 104.5935 looks on a white background.

Color Contrast Check

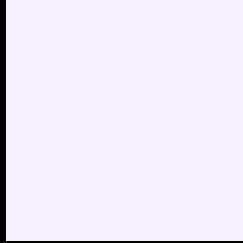
Large Text (above 18pt) WCAG AA × Fail

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 86.4432, 88.3541, 104.5935 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

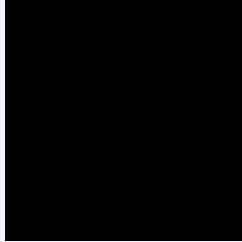
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

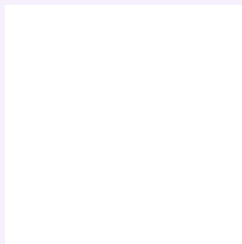
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 86.4432, 88.3541, 104.5935

Background



This preview shows how black text looks on a background with the XYZ color 86.4432, 88.3541, 104.5935.



This preview shows how white text looks on a background with the XYZ color 86.4432, 88.3541,

104.5935.

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

86.4432, 88.3541, 104.5935

Protanopia

85.5077, 88.2893, 105.4633

Deuteranopia

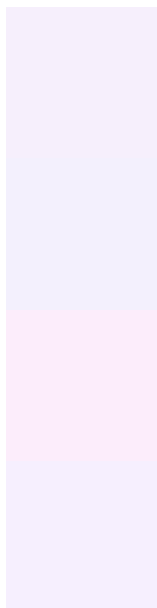
88.4908, 88.1530, 102.7938



Tritanopia

86.9225, 88.5458, 107.1175

Trichromacy



Original Color

86.4432, 88.3541, 104.5935

Protanomaly

85.8519, 88.4667, 105.4794

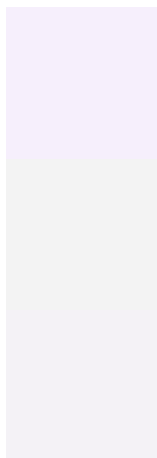
Deuteranomaly

87.8417, 88.2289, 103.6669

Tritanomaly

86.7619, 88.4816, 106.2717

Monochromacy



Original Color

86.4432, 88.3541, 104.5935

Achromatopsia

85.1904, 89.6269, 97.6037

Achromatomaly

85.6949, 89.3912, 99.9264

CSS Examples

Text

The CSS property to change the color of the text to XYZ 86.4432, 88.3541, 104.5935 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, 239, 252)` looks like.

```
.text, #text, p{  
    color:rgb(246, 239, 252)  
}
```

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, 239, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 239, 252) }
```

Border

The CSS property to change the border of an element to XYZ 86.4432, 88.3541, 104.5935 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, 239, 252) }
```


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

```
.border{ border-color:rgb(246, 239, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 239, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 239, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 239, 252);  
box-shadow:4px 4px 4px 4px rgb(246, 239,  
252) }
```

Background

The CSS property to change the background color of an element to XYZ 86.4432, 88.3541, 104.5935 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 239, 252) }
```

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

```
.background{ background-color: rgb(246,  
239, 252) }
```

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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