

Converting Colors

XYZ(86.0934, 88.1738,
104.5772)

Have a look what the booklet for
XYZ(86.0934, 88.1738, 104.5772)
contains.

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Color

**XYZ(86.0934, 88.1738,
104.5771)**

Conversions

Conversions Part 1

Format	Color
Hex	F5EFFC
RGB	245, 239, 252
RGB Percent	96%, 94%, 99%
CMY	0.0392, 0.0627, 0.0118
CMYK	0.03, 0.05, 0.00, 0.01
HSL	268°, 68%, 96%
HSV	268°, 5%, 99%
XYZ	86.0934, 88.1738, 104.5771
YIQ	242.2760, -0.5970, 5.3150

Conversions

Conversions Part 2

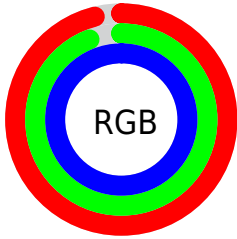
Format	Color
R _Y B	245, 239, 252
Decimal	16117756
CIE Lab	95.23, 4.32, -5.55
CIE LCh	95, 7.031, 307.933
Yxy	88.1738, 0.3088, 0.3162
Android (android.graphics.Color)	4294307836 (0xFF5E5EFC)
YUV	242.2760, 4.7939, 2.3889
Hunter-Lab	93.9009, -0.6682, -0.3004

Details

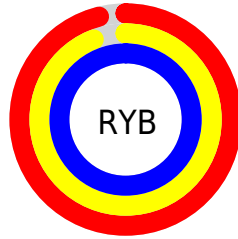
The XYZ color **86.0934, 88.1738, 104.5771** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **88.3998, 95.4480, 95.4300**, and the grayscale version is **84.5824, 88.9873, 96.9072**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.7701, 48.6259, 58.4977** is the 20% darker color. If you saturate the color by 10%, you get **74.6618, 72.0835, 102.0752**, and if you desaturate by 10%, it is **94.5709, 99.8084, 106.3773**.

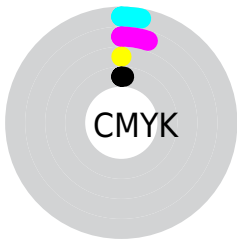
Distribution



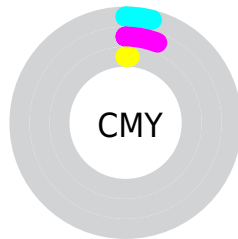
- Red (96%)
- Green (94%)
- Blue (99%)



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



- Cyan (3%)
- Magenta (5%)
- Yellow (0%)
- Black (1%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 86.0934, 88.1738, 104.5771 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 86.0934, 88.1738, 104.5771 by changing the saturation by 10% instead.

86.0934, 88.1738,
104.5771

86.0934, 88.1738,
104.5771

503.6685,
522.0722, 596.1413

65.0707, 66.4670,
79.4904

140.8060,
144.7991, 169.5396

47.7834, 48.6516,
58.7754

175.2266,
180.4864, 210.2525

33.8659, 34.3432,
42.0135

214.8439,
221.6027, 257.0113

22.9530, 23.1574,
28.7862

260.0233,
268.5323, 310.2344

14.6793, 14.7098,
18.6750

311.1301,
321.6597, 370.3404

8.6795, 8.6159,
11.2612

368.5296,

4.5881, 4.4915,

381.3692, 437.7478

6.1265

432.5873,
448.0452, 512.8753

■ 2.0399, 1.9521,
2.8521

■ 0.6563, 0.5794,
1.0196

■ 86.0934, 88.1738,
104.5771

■ 86.0934, 88.1738,
104.5771

■ 74.6618, 72.0835,
102.0752

94.5709, 99.8084,
106.3773

■ 64.5539, 58.1371,
99.9160

■ 55.7193, 46.2441,
98.0861

■ 48.1014, 36.3028,
96.5687

■ 41.6388, 28.2027,
95.3459

■ 36.2642, 21.8218,
94.3975

■ 31.9021, 17.0227,
93.7011

■ 28.4660, 13.6459,
93.2304

■ 25.8506, 11.4956,
92.9532

Harmonies

Analogous

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



84.3164, 88.1738, 106.8479



86.0934, 88.1738, 104.5771



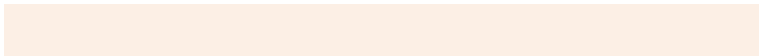
87.2698, 88.1738, 100.0278

Triad

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



86.0934, 88.1738, 104.5771



85.1992, 88.1738, 86.5500



80.2079, 88.1738, 97.4709

Complementary

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



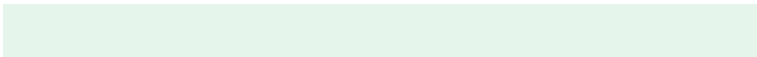
86.0934, 88.1738, 104.5771



88.3998, 95.4480, 95.4300

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.



80.4361, 88.1738, 92.0940



86.0934, 88.1738, 104.5771



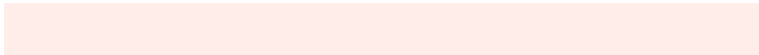
83.2988, 88.1738, 85.9240

Square

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



86.0934, 88.1738, 104.5771



86.7481, 88.1738, 89.6608



81.5606, 88.1738, 87.9170



80.9323, 88.1738, 102.6443

Rectangle

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



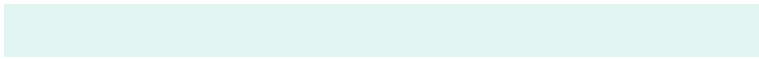
86.0934, 88.1738, 104.5771



87.5451, 88.1738, 96.3876



81.5606, 88.1738, 87.9170



80.1760, 88.1738, 95.6260

Sweetspot

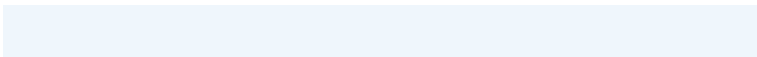
The Sweet Spot groups the original color and five complimentary colors.



86.0959, 88.1776, 104.5790



92.4411, 96.2718, 108.3179



86.1720, 91.3851, 105.1941



19.8136, 20.6452, 23.1906



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.



86.0959, 88.1776, 104.5790



87.3947, 89.0941, 107.1984



88.3497, 89.3394, 104.6845



17.7463, 18.0273, 21.9296



13.0890, 5.6903, 48.3820



1.3331, 0.5893, 4.4867

Inverse Universe

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



87.6491, 89.0863, 99.7691



89.2460, 90.1773, 101.4611



86.2101, 94.3192, 95.3275



18.1650, 18.2723, 20.6312



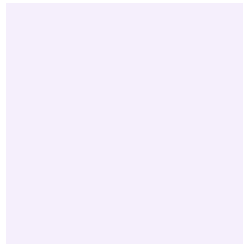
23.2923, 11.7326, 13.5135



2.2108, 1.1081, 1.5335

Previews

White Background



This preview shows how the XYZ color 86.0934, 88.1738, 104.5771 looks on a white background.

Color Contrast Check

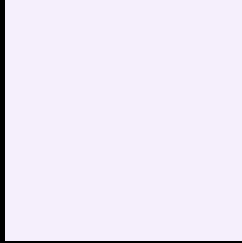
Large Text (above 18pt) WCAG AA × Fail

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 86.0934, 88.1738, 104.5771 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

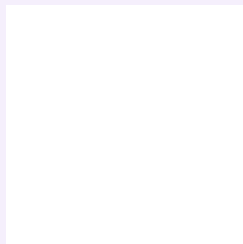
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 86.0934, 88.1738, 104.5771

Background



This preview shows how black text looks on a background with the XYZ color 86.0934, 88.1738, 104.5771.



This preview shows how white text looks on a background with the XYZ color 86.0934, 88.1738,

104.5771.

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

86.0934, 88.1738, 104.5771

Protanopia

85.5077, 88.2893, 105.4633

Deuteranopia

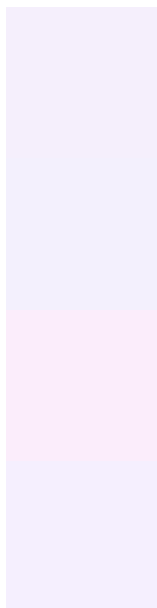
88.4908, 88.1530, 102.7938



Tritanopia

86.5727, 88.3655, 107.1011

Trichromacy



Original Color

86.0934, 88.1738, 104.5771

Protanomaly

85.8519, 88.4667, 105.4794

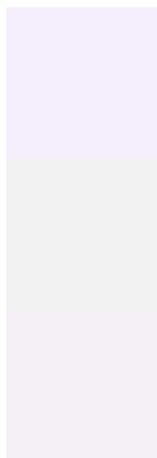
Deuteranomaly

87.4804, 88.0426, 103.6500

Tritanomaly

86.4121, 88.3012, 106.2554

Monochromacy



Original Color

86.0934, 88.1738, 104.5771

Achromatopsia

84.3971, 88.7923, 96.6948

Achromatomaly

85.0520, 88.6191, 99.8113

CSS Examples

Text

The CSS property to change the color of the text to XYZ 86.0934, 88.1738, 104.5771 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(245, 239, 252) looks like.

```
.text, #text, p{  
    color:rgb(245, 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(245, 239, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 239, 252) }
```

Border

The CSS property to change the border of an element to XYZ 86.0934, 88.1738, 104.5771 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(245, 239, 252) }
```


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

```
.border{ border-color:rgb(245, 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(245, 239, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 239, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 239, 252);  
box-shadow:4px 4px 4px 4px rgb(245, 239,  
252) }
```

Background

The CSS property to change the background color of an element to XYZ 86.0934, 88.1738, 104.5771 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 239, 252) }
```

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

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