

Converting Colors

XYZ(84.3996, 86.8265,
106.0814)

Have a look what the booklet for
XYZ(84.3996, 86.8265, 106.0814)
contains.

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Color

**XYZ(84.3991, 86.8301,
106.0775)**

Conversions

Conversions Part 1

Format	Color
Hex	F0EEFE
RGB	240, 238, 254
RGB Percent	94%, 93%, 100%
CMY	0.0588, 0.0666, 0.0039
CMYK	0.06, 0.06, 0.00, 0.00
HSL	247°, 89%, 96%
HSV	247°, 6%, 100%
XYZ	84.3991, 86.8301, 106.0775
YIQ	240.4220, -3.9440, 5.4000

Conversions

Conversions Part 2

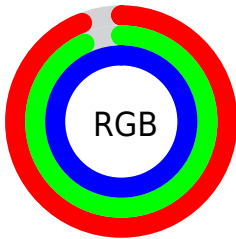
Format	Color
R _Y B	240, 238, 254
Decimal	15789822
CIE Lab	94.67, 3.58, -7.46
CIE LCh	95, 8.276, 295.596
Yxy	86.8301, 0.3044, 0.3131
Android (android.graphics.Color)	4293979902 (0xFFFF0EEFE)
YUV	240.4220, 6.6940, -0.3701
Hunter-Lab	93.1827, -1.3954, -2.2668

Details

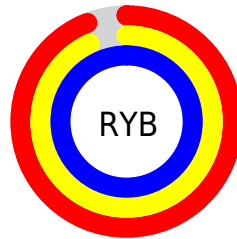
The XYZ color **84.3991, 86.8301, 106.0775** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **91.0226, 97.7544, 94.9643**, and the grayscale version is **83.1086, 87.4367, 95.2186**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.5732, 47.6775, 59.5713** is the 20% darker color. If you saturate the color by 10%, you get **70.4300, 69.4163, 103.4539**, and if you desaturate by 10%, it is **94.8896, 99.9359, 108.0556**.

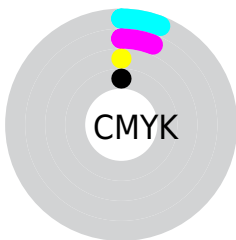
Distribution



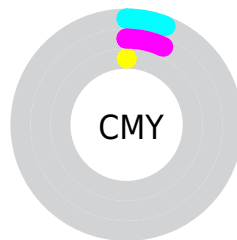
- Red (94%)
- Green (93%)
- Blue (100%)



- Red (94%)
- Yellow (93%)
- Blue (100%)



- Cyan (6%)
- Magenta (6%)
- Yellow (0%)
- Black (0%)





- Cyan (6%)
- Magenta (7%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 84.3991, 86.8301, 106.0775 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 84.3991, 86.8301, 106.0775 by changing the saturation by 10% instead.


 84.3991, 86.8301,
106.0775

 84.3991, 86.8301,
106.0775

498.1513,
517.6644, 600.9192

 63.6658, 65.3546,
80.7407

138.4517,
142.9273, 171.6087

 46.6407, 47.7487,
59.7983


172.5017,
178.3178, 212.6402

 32.9585, 33.6279,
42.8318


211.7213,
219.1155, 259.7403

 22.2537, 22.6079,
29.4228

256.4760,
265.7046, 313.3276

 14.1611, 14.3042,
19.1525

307.1309,
318.4697, 373.8206

 8.3152, 8.3326,
11.6026

364.0515,

 4.3508, 4.3085,

377.7951, 441.6378

6.3545

427.6032,
444.0652, 517.1978

■ 1.9025, 1.8476,
2.9895

■ 0.5783, 0.5166,
1.0893

■ 84.3991, 86.8301,
106.0775

■ 84.3991, 86.8301,
106.0775

■ 70.4300, 69.4163,
103.4539

94.8896, 99.9359,
108.0556

■ 58.3494, 54.4580,
101.2034

■ 48.0781, 41.8477,
99.3107

■ 39.5284, 31.4655,
97.7573

■ 32.6052, 23.1812,
96.5232

■ 27.2038, 16.8508,
95.5860

■ 23.2074, 12.3119,
94.9205

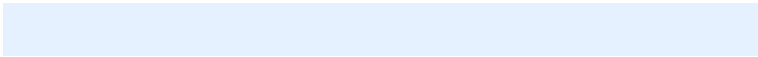
■ 20.4816, 9.3757,
94.4975

■ 18.8640, 7.8097,
94.2804

Harmonies

Analogous

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



82.2000, 86.8301, 107.3469



84.3991, 86.8301, 106.0775



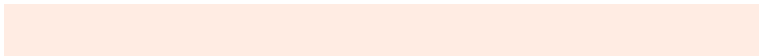
86.1245, 86.8301, 101.6658

Triad

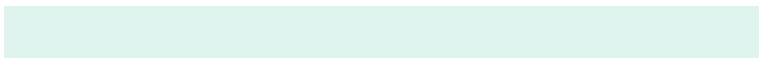
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



84.3991, 86.8301, 106.0775



84.9803, 86.8301, 84.7521



78.3203, 86.8301, 93.6017

Complementary

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



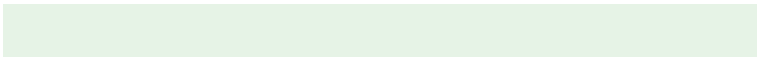
84.3991, 86.8301, 106.0775



91.0226, 97.7544, 94.9643

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.



79.0358, 86.8301, 87.7613



84.3991, 86.8301, 106.0775



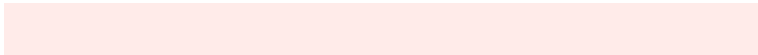
82.8597, 86.8301, 82.8004

Square

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



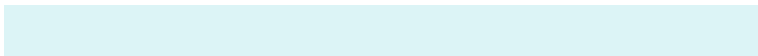
84.3991, 86.8301, 106.0775



86.4643, 86.8301, 89.3275



80.6875, 86.8301, 83.8769



78.7158, 86.8301, 99.9582

Rectangle

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



84.3991, 86.8301, 106.0775



86.7602, 86.8301, 97.6365



80.6875, 86.8301, 83.8769



78.4385, 86.8301, 91.5159

Sweetspot

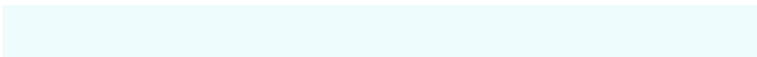
The Sweet Spot groups the original color and five complimentary colors.



84.4016, 86.8338, 106.0794



91.8214, 95.9523, 108.2889



88.0044, 95.0398, 107.4735



19.6874, 20.5801, 23.1847



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.



84.4016, 86.8338, 106.0794



82.6177, 84.4375, 106.5514



87.1311, 88.2409, 106.2071



17.2136, 17.4863, 22.7179



9.8051, 3.9652, 49.6832



1.0179, 0.4187, 4.8404

Inverse Universe

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



89.0213, 89.2521, 104.6353



88.4767, 87.5050, 104.7002



88.2317, 96.3157, 94.8337



18.6893, 18.2590, 22.2471



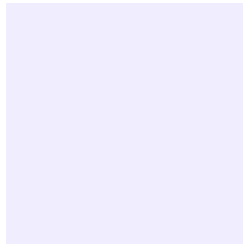
28.5593, 13.9130, 37.9251



2.8069, 1.3651, 3.8306

Previews

White Background



This preview shows how the XYZ color 84.3991, 86.8301, 106.0775 looks on a white background.

Color Contrast Check

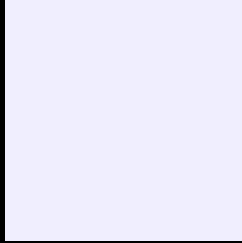
Large Text (above 18pt) WCAG AA × Fail

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 84.3991, 86.8301, 106.0775 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

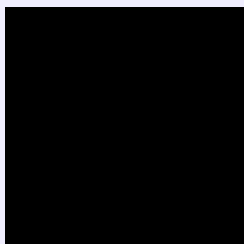
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 84.3991, 86.8301, 106.0775

Background



This preview shows how black text looks on a background with the XYZ color 84.3991, 86.8301, 106.0775.



This preview shows how white text looks on a background with the XYZ color 84.3991, 86.8301,

106.0775.

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

84.3991, 86.8301, 106.0775

Protanopia

84.3991, 86.8301, 106.0775

Deuteranopia

88.2683, 86.6936, 105.8472



Tritanopia

84.5597, 86.8943, 106.9233

Trichromacy



Original Color

84.3991, 86.8301, 106.0775

Protanomaly

84.3991, 86.8301, 106.0775

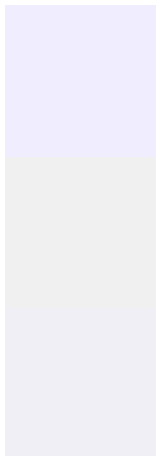
Deuteranomaly

87.0221, 86.8964, 105.9521

Tritanomaly

84.5597, 86.8943, 106.9233

Monochromacy



Original Color

84.3991, 86.8301, 106.0775

Achromatopsia

82.8234, 87.1367, 94.8919

Achromatomaly

83.2831, 86.8508, 98.7606

CSS Examples

Text

The CSS property to change the color of the text to XYZ 84.3991, 86.8301, 106.0775 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(240, 238, 254) looks like.

```
.text, #text, p{  
    color:rgb(240, 238, 254)  
}
```

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(240, 238, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 238, 254) }
```

Border

The CSS property to change the border of an element to XYZ 84.3991, 86.8301, 106.0775 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(240, 238, 254) }
```


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

```
.border{ border-color:rgb(240, 238, 254) }
```

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

Here you see how a box with a 4 pixel rgb(240, 238, 254) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 238, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 238, 254);  
box-shadow:4px 4px 4px 4px rgb(240, 238,  
254) }
```

Background

The CSS property to change the background color of an element to XYZ 84.3991, 86.8301, 106.0775 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 238, 254) }
```

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

```
.background{ background-color: rgb(240,  
238, 254) }
```

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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