

Converting Colors

XYZ(84.7010, 86.1336,
106.7690)

Have a look what the booklet for
XYZ(84.7010, 86.1336, 106.7690)
contains.

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Color

**XYZ(84.6634, 86.0882,
106.7622)**

Conversions

Conversions Part 1

Format	Color
Hex	F2ECFF
RGB	242, 236, 255
RGB Percent	95%, 93%, 100%
CMY	0.0510, 0.0745, 0.0000
CMYK	0.05, 0.07, 0.00, 0.00
HSL	259°, 100%, 96%
HSV	259°, 7%, 100%
XYZ	84.6634, 86.0882, 106.7622
YIQ	239.9600, -2.5230, 7.1810

Conversions

Conversions Part 2

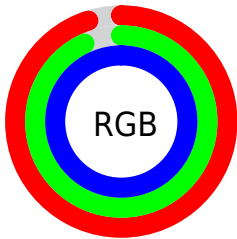
Format	Color
R _Y B	242, 236, 255
Decimal	15920383
CIE Lab	94.35, 5.44, -8.43
CIE LCh	94, 10.036, 302.816
Yxy	86.0882, 0.3051, 0.3102
Android (android.graphics.Color)	4294110463 (0xFF F2 EC FF)
YUV	239.9600, 7.4147, 1.7891
Hunter-Lab	92.7837, 0.5064, -3.2738

Details

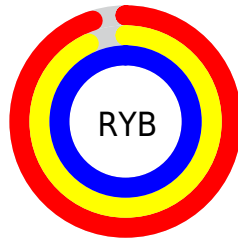
The XYZ color **84.6634, 86.0882, 106.7622** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **89.9695, 97.7169, 93.4806**, and the grayscale version is **82.7405, 87.0494, 94.7968**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.7640, 47.1588, 60.0639** is the 20% darker color. If you saturate the color by 10%, you get **72.1334, 69.4989, 104.2205**, and if you desaturate by 10%, it is **95.0500, 100.0000, 108.9000**.

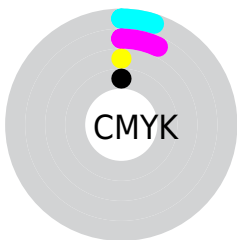
Distribution



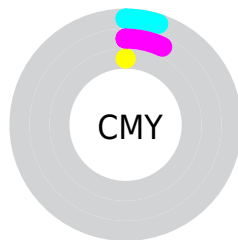
- Red (95%)
- Green (93%)
- Blue (100%)



- Red (95%)
- Yellow (93%)
- Blue (100%)



- Cyan (5%)
- Magenta (7%)
- Yellow (0%)
- Black (0%)




- Cyan (5%)
- Magenta (7%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 84.6634, 86.0882, 106.7622 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 84.6634, 86.0882, 106.7622 by changing the saturation by 10% instead.


 84.6634, 86.0882,
106.7622

 84.6634, 86.0882,
106.7622


499.0141,
515.2220, 603.0930

 63.8849, 64.7409,
81.3116


138.8193,
141.8926, 172.5520

 46.8188, 47.2510,
60.2657


172.9273,
177.1184, 213.7283

 33.0997, 33.2341,
43.2062

212.2092,
217.7393, 260.9835

 22.3625, 22.3059,
29.7143

257.0303,
264.1395, 314.7363

 14.2416, 14.0818,
19.3716

307.7560,
316.7035, 375.4050

 8.3717, 8.1776,
11.7596

364.7516,

 4.3875, 4.2088,

375.8156, 443.4084

6.4597

428.3825,
441.8603, 519.1649

■ 1.9236, 1.7910,
3.0533

■ 0.5905, 0.4816,
1.1219

■ 84.6634, 86.0882,
106.7622

■ 84.6634, 86.0882,
106.7622

■ 72.1334, 69.4989,
104.2205

95.0500, 100.0000,
108.9000

■ 61.1606, 55.2003,
102.0390

■ 51.6834, 43.0928,
100.2015

■ 43.6333, 33.0652,
98.6902

■ 36.9358, 24.9960,
97.4857

■ 31.5095, 18.7512,
96.5663

■ 27.2632, 14.1789,
95.9076

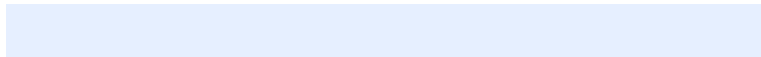
■ 24.0916, 11.1015,
95.4808

■ 21.8624, 9.2902,
95.2486

Harmonies

Analogous

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



82.0790, 86.0882, 109.3449



84.6634, 86.0882, 106.7622



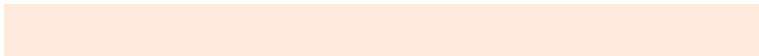
86.5185, 86.0882, 100.6765

Triad

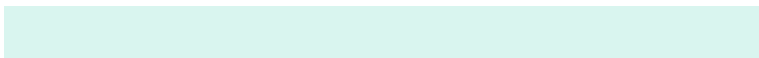
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



84.6634, 86.0882, 106.7622



84.2133, 86.0882, 81.1500



76.7594, 86.0882, 94.4661

Complementary

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



84.6634, 86.0882, 106.7622



89.9695, 97.7169, 93.4806

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.



77.3029, 86.0882, 87.1209



84.6634, 86.0882, 106.7622



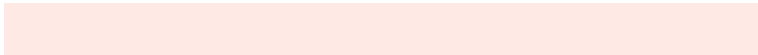
81.5700, 86.0882, 79.6870

Square

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



84.6634, 86.0882, 106.7622



86.2547, 86.0882, 85.9242



79.0493, 86.0882, 81.8139



77.5482, 86.0882, 102.0062

Rectangle

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



84.6634, 86.0882, 106.7622



87.0712, 86.0882, 95.6026



79.0493, 86.0882, 81.8139



76.7924, 86.0882, 91.8927

Sweetspot

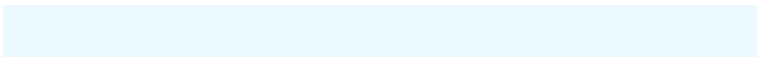
The Sweet Spot groups the original color and five complimentary colors.



84.6657, 86.0918, 106.7628



92.1722, 96.1332, 108.3053



86.6130, 92.9919, 107.9920



19.7588, 20.6170, 23.1880



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.



84.6657, 86.0918, 106.7628



82.6169, 83.3635, 106.3441



87.9033, 87.7608, 106.9143



17.5426, 17.6559, 22.7333



11.3176, 4.7449, 49.7539



1.2093, 0.5174, 4.8494

Inverse Universe

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



88.3366, 88.0940, 101.9738



87.0160, 85.7635, 100.5757



86.7700, 96.0675, 93.3309



18.5343, 18.1970, 21.4307



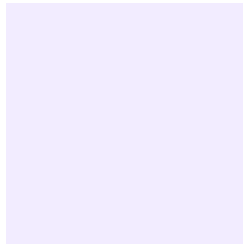
25.6372, 12.7442, 22.5376



2.5457, 1.2607, 2.4553

Previews

White Background



This preview shows how the XYZ color 84.6634, 86.0882, 106.7622 looks on a white background.

Color Contrast Check

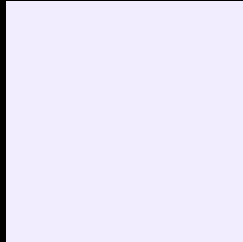
Large Text (above 18pt) WCAG AA × Fail

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 84.6634, 86.0882, 106.7622 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

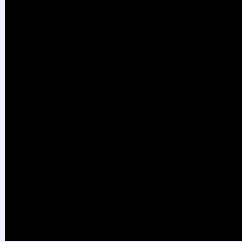
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 84.6634, 86.0882, 106.7622

Background



This preview shows how black text looks on a background with the XYZ color 84.6634, 86.0882, 106.7622.



This preview shows how white text looks on a background with the XYZ color 84.6634, 86.0882,

106.7522.

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

84.6634, 86.0882, 106.7622

Protanopia

83.5941, 85.9655, 106.7949

Deuteranopia

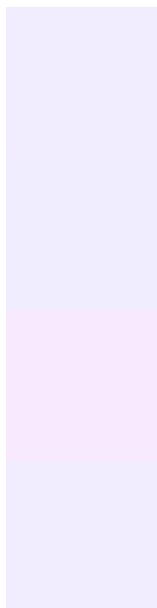
87.4146, 85.8159, 106.5646



Tritanopia

84.6634, 86.0882, 106.7622

Trichromacy



Original Color

84.6634, 86.0882, 106.7622

Protanomaly

83.9308, 86.1391, 106.8106

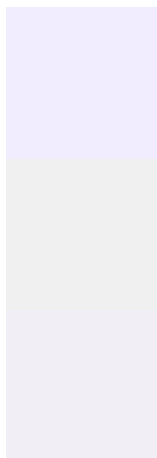
Deuteranomaly

86.2558, 85.6376, 106.5913

Tritanomaly

84.6634, 86.0882, 106.7622

Monochromacy



Original Color

84.6634, 86.0882, 106.7622

Achromatopsia

82.8234, 87.1367, 94.8919

Achromatomaly

83.6236, 87.0263, 98.7765

CSS Examples

Text

The CSS property to change the color of the text to XYZ 84.6634, 86.0882, 106.7622 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(242, 236, 255)` looks like.

```
.text, #text, p{  
    color:rgb(242, 236, 255)  
}
```

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(242, 236, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 236, 255) }
```

Border

The CSS property to change the border of an element to XYZ 84.6634, 86.0882, 106.7622 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(242, 236, 255) }
```


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

```
.border{ border-color:rgb(242, 236, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 236, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 236, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 236, 255);  
box-shadow:4px 4px 4px 4px rgb(242, 236,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 84.6634, 86.0882, 106.7622 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 236, 255) }
```

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

```
.background{ background-color: rgb(242,  
236, 255) }
```

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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