

Converting Colors

XYZ(89.9012, 88.1556,
136.0152)

Have a look what the booklet for
XYZ(89.9012, 88.1556, 136.0152)
contains.

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Color

**XYZ(84.3211, 85.9117,
106.7462)**

Conversions

Conversions Part 1

Format	Color
Hex	F1ECFF
RGB	241, 236, 255
RGB Percent	95%, 93%, 100%
CMY	0.0549, 0.0745, 0.0000
CMYK	0.05, 0.07, 0.00, 0.00
HSL	256°, 100%, 96%
HSV	256°, 7%, 100%
XYZ	84.3211, 85.9117, 106.7462
YIQ	239.6610, -3.1190, 6.9690

Conversions

Conversions Part 2

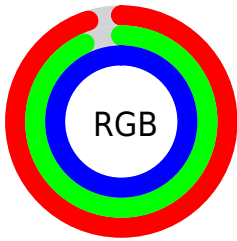
Format	Color
R _Y B	241, 236, 255
Decimal	15854847
CIE Lab	94.27, 5.11, -8.55
CIE LCh	94, 9.967, 300.877
Yxy	85.9117, 0.3044, 0.3102
Android (android.graphics.Color)	4294044927 (0xFF1ECFF)
YUV	239.6610, 7.5621, 1.1743
Hunter-Lab	92.6886, 0.1809, -3.4002

Details

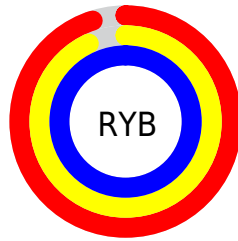
The XYZ color **84.3211, 85.9117, 106.7462** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **90.3268, 97.9011, 93.4972**, and the grayscale version is **82.5060, 86.8028, 94.5282**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.5219, 47.0340, 60.0526** is the 20% darker color. If you saturate the color by 10%, you get **71.4100, 69.1260, 104.1867**, and if you desaturate by 10%, it is **95.0500, 100.0000, 108.9000**.

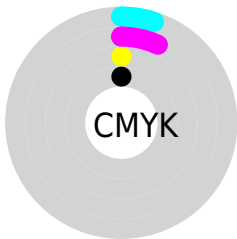
Distribution



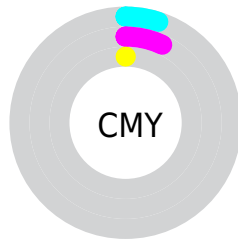
- Red (95%)
- Green (93%)
- Blue (100%)



- 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 84.3211, 85.9117, 106.7462 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 84.3211, 85.9117, 106.7462 by changing the saturation by 10% instead.

84.3211, 85.9117,
106.7462

84.3211, 85.9117,
106.7462

497.8965,
514.6400, 603.0422

63.6012, 64.5950,
81.2982

138.3432,
141.6463, 172.5300

46.5882, 47.1327,
60.2548

172.3761,
176.8329, 213.7029

32.9168, 33.1406,
43.1974

211.5773,
217.4116, 260.9545

22.2217, 22.2342,
29.7075

256.3123,
263.7667, 314.7034

14.1374, 14.0291,
19.3665

306.9463,
316.2828, 375.3680

8.2986, 8.1409,
11.7559

363.8448,

4.3400, 4.1852,

375.3441, 443.3670

6.4572

427.3731,
441.3350, 519.1189

■ 1.8962, 1.7777,
3.0518

■ 0.5746, 0.4732,
1.1211

■ 84.3211, 85.9117,
106.7462

■ 84.3211, 85.9117,
106.7462

■ 71.4100, 69.1260,
104.1867

95.0500, 100.0000,
108.9000

■ 60.1425, 54.6754,
101.9913

■ 50.4524, 42.4582,
100.1439

■ 42.2666, 32.3606,
98.6263

■ 35.5058, 24.2588,
97.4188

■ 30.0830, 18.0158,
96.4996

■ 25.9010, 13.4766,
95.8439

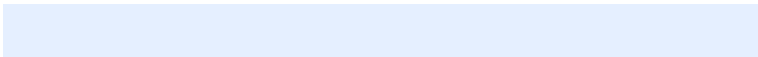
■ 22.8478, 10.4604,
95.4226

■ 20.7834, 8.7340,
95.1982

Harmonies

Analogous

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



81.7351, 85.9117, 109.0373



84.3211, 85.9117, 106.7462



86.2265, 85.9117, 100.8874

Triad

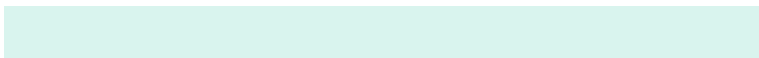
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



84.3211, 85.9117, 106.7462



84.1821, 85.9117, 81.2714



76.6273, 85.9117, 93.7685

Complementary

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



84.3211, 85.9117, 106.7462



90.3268, 97.9011, 93.4972

Split Complementary

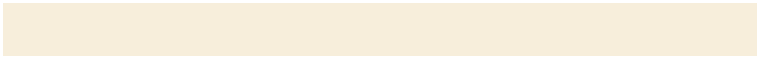
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



77.2509, 85.9117, 86.5645



84.3211, 85.9117, 106.7462



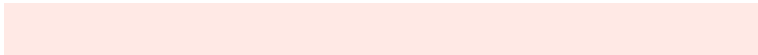
81.5779, 85.9117, 79.5912

Square

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



84.3211, 85.9117, 106.7462



86.1451, 85.9117, 86.1948



79.0486, 85.9117, 81.4765



77.3266, 85.9117, 101.2979

Rectangle

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



84.3211, 85.9117, 106.7462



86.8340, 85.9117, 95.8953



79.0486, 85.9117, 81.4765



76.6890, 85.9117, 91.2299

Sweetspot

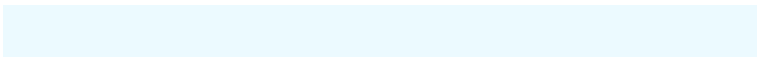
The Sweet Spot groups the original color and five complimentary colors.



84.3234, 85.9152, 106.7467



92.0753, 96.0832, 108.3008



86.9077, 93.5814, 108.0902



19.7391, 20.6068, 23.1871



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.



84.3234, 85.9152, 106.7467



82.2097, 83.1536, 106.3251



87.5616, 87.5846, 106.8983



17.4510, 17.6087, 22.7290



10.7621, 4.4585, 49.7279



1.1454, 0.4844, 4.8464

Inverse Universe

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



88.4930, 88.1565, 102.7973



87.2038, 85.8386, 101.5648



87.0929, 96.2340, 93.3459



18.5767, 18.2140, 21.6539



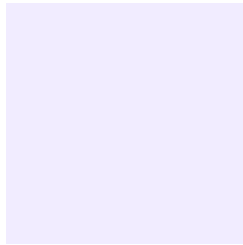
26.3523, 13.0302, 26.3033



2.6108, 1.2867, 2.7981

Previews

White Background



This preview shows how the XYZ color 84.3211, 85.9117, 106.7462 looks on a white background.

Color Contrast Check

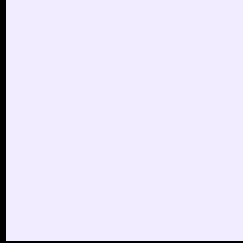
Large Text (above 18pt) WCAG AA × Fail

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 84.3211, 85.9117, 106.7462 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

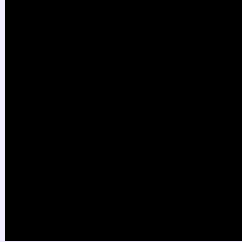
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 84.3211, 85.9117, 106.7462

Background



This preview shows how black text looks on a background with the XYZ color 84.3211, 85.9117, 106.7462.



This preview shows how white text looks on a background with the XYZ color 84.3211, 85.9117,

106.7462.

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

84.3211, 85.9117, 106.7462

Protanopia

83.5941, 85.9655, 106.7949

Deuteranopia

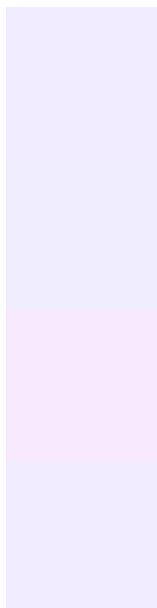
87.4146, 85.8159, 106.5646



Tritanopia

84.3211, 85.9117, 106.7462

Trichromacy



Original Color

84.3211, 85.9117, 106.7462

Protanomaly

83.9308, 86.1391, 106.8106

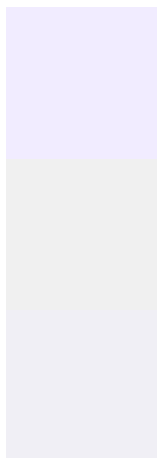
Deuteranomaly

86.2558, 85.6376, 106.5913

Tritanomaly

84.3211, 85.9117, 106.7462

Monochromacy



Original Color

84.3211, 85.9117, 106.7462

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 84.3211, 85.9117, 106.7462 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(241, 236, 255)` looks like.

```
.text, #text, p{  
    color:rgb(241, 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(241, 236, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 236, 255) }
```

Border

The CSS property to change the border of an element to XYZ 84.3211, 85.9117, 106.7462 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(241, 236, 255) }
```


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

```
.border{ border-color:rgb(241, 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(241, 236, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 236, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 236, 255);  
box-shadow:4px 4px 4px 4px rgb(241, 236,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 84.3211, 85.9117, 106.7462 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 236, 255) }
```

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

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