

Converting Colors

XYZ(84.8751, 85.6061,
106.6580)

Have a look what the booklet for
XYZ(84.8751, 85.6061, 106.6580)
contains.

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Color

**XYZ(85.0666, 85.8698,
106.6988)**

Conversions

Conversions Part 1

Format	Color
Hex	F4EBFF
RGB	244, 235, 255
RGB Percent	96%, 92%, 100%
CMY	0.0431, 0.0784, 0.0000
CMYK	0.04, 0.08, 0.00, 0.00
HSL	267°, 100%, 96%
HSV	267°, 8%, 100%
XYZ	85.0666, 85.8698, 106.6988
YIQ	239.9710, -1.0560, 8.1280

Conversions

Conversions Part 2

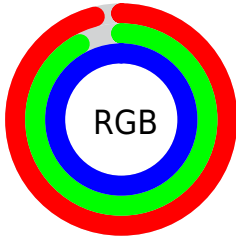
Format	Color
R_{YB}	244, 235, 255
Decimal	16051199
CIE _{Lab}	94.26, 6.60, -8.56
CIE _{LCh}	94, 10.808, 307.663
Yxy	85.8698, 0.3064, 0.3093
Android (android.graphics.Color)	4294241279 (0xFFFF4EBFF)
YUV	239.9710, 7.4093, 3.5334
Hunter-Lab	92.6660, 1.6961, -3.4024

Details

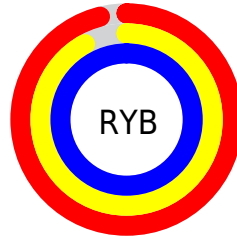
The XYZ color **85.0666, 85.8698, 106.6988** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **88.7636, 97.1120, 92.6677**, and the grayscale version is **82.7483, 87.0576, 94.8058**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.0522, 47.0088, 60.0198** is the 20% darker color. If you saturate the color by 10%, you get **73.6000, 69.8884, 104.2184**, and if you desaturate by 10%, it is **95.0500, 100.0000, 108.9000**.

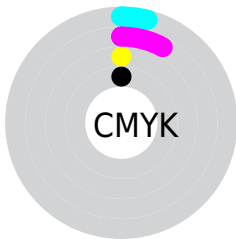
Distribution



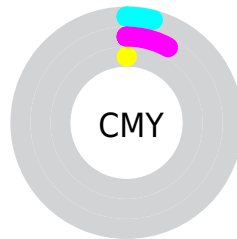
- Red (96%)
- Green (92%)
- Blue (100%)



- Red (96%)
- Yellow (92%)
- Blue (100%)



- Cyan (4%)
- Magenta (8%)
- Yellow (0%)
- Black (0%)



- Cyan (4%)
- Magenta (8%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 85.0666, 85.8698, 106.6988 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 85.0666, 85.8698, 106.6988 by changing the saturation by 10% instead.

85.0666, 85.8698,
106.6988

85.0666, 85.8698,
106.6988

500.3288,
514.5018, 602.8919

64.2191, 64.5603,
81.2587

139.3798,
141.5878, 172.4647

47.0905, 47.1046,
60.2224

173.5761,
176.7651, 213.6276

33.3154, 33.1184,
43.1715

212.9528,
217.3337, 260.8685

22.5286, 22.2172,
29.6873

257.8752,
263.6782, 314.6059

14.3646, 14.0165,
19.3513

308.7087,
316.1829, 375.2584

8.4581, 8.1322,
11.7450

365.8185,

4.4437, 4.1796,

375.2321, 443.2446

6.4499

429.5701,
441.2102, 518.9829

■ 1.9561, 1.7746,
3.0473

■ 0.6091, 0.4712,
1.1189

■ 85.0666, 85.8698,
106.6988

■ 85.0666, 85.8698,
106.6988

■ 73.6000, 69.8884,
104.2184

95.0500, 100.0000,
108.9000

■ 63.4955, 56.0945,
102.0885

■ 54.6994, 44.3923,
100.2933

■ 47.1517, 34.6748,
98.8155

■ 40.7870, 26.8248,
97.6357

■ 35.5335, 20.7128,
96.7329

■ 31.3102, 16.1918,
96.0828

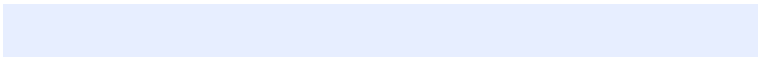
■ 28.0230, 13.0889,
95.6572

■ 25.5489, 11.1745,
95.4181

Harmonies

Analogous

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



82.3615, 85.8698, 110.2102



85.0666, 85.8698, 106.6988



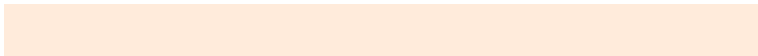
86.8764, 85.8698, 99.6905

Triad

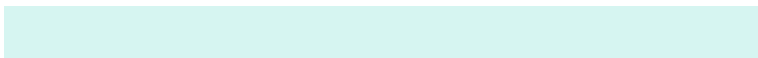
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



85.0666, 85.8698, 106.6988



83.7513, 85.8698, 79.5087



76.2214, 85.8698, 95.6404

Complementary

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



85.0666, 85.8698, 106.6988



88.7636, 97.1120, 92.6677

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.



76.5736, 85.8698, 87.5667



85.0666, 85.8698, 106.6988



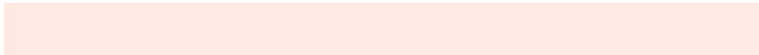
80.8764, 85.8698, 78.5662

Square

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



85.0666, 85.8698, 106.6988



86.1046, 85.8698, 84.0879



78.2613, 85.8698, 81.4328



77.2875, 85.8698, 103.5844

Rectangle

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



85.0666, 85.8698, 106.6988



87.3079, 85.8698, 94.1494



78.2613, 85.8698, 81.4328



76.1783, 85.8698, 92.8489

Sweetspot

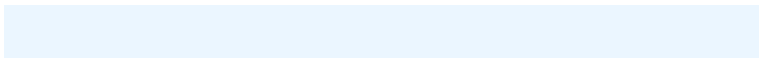
The Sweet Spot groups the original color and five complimentary colors.



85.0689, 85.8734, 106.6993



92.4200, 96.2609, 108.3169



85.3708, 90.9991, 107.6728



19.8093, 20.6430, 23.1904



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.



85.0689, 85.8734, 106.6993



83.6679, 83.9053, 106.3933



88.5113, 87.6480, 106.8604



17.7791, 17.7779, 22.7444



13.2740, 5.7535, 49.8455



1.4161, 0.6240, 4.8591

Inverse Universe

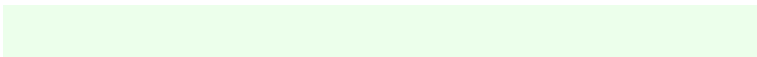
The Inverse Universe completely reimagines the original color for something new.



87.5851, 87.3340, 99.4327



86.5424, 85.5740, 98.0816



85.4608, 95.4094, 92.5132



18.4275, 18.1543, 20.8684



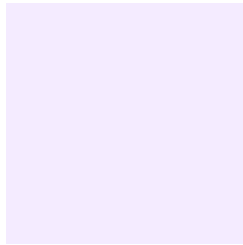
24.1088, 12.1328, 14.4895



2.4025, 1.2034, 1.7009

Previews

White Background



This preview shows how the XYZ color 85.0666, 85.8698, 106.6988 looks on a white background.

Color Contrast Check

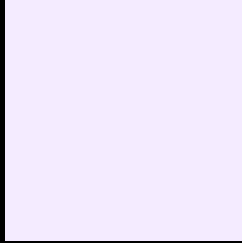
Large Text (above 18pt) WCAG AA × Fail

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 85.0666, 85.8698, 106.6988 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

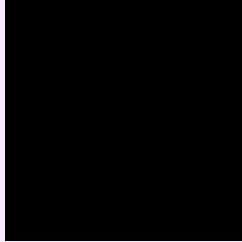
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 85.0666, 85.8698, 106.6988

Background



This preview shows how black text looks on a background with the XYZ color 85.0666, 85.8698, 106.6988.



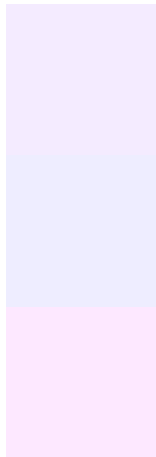
This preview shows how white text looks on a background with the XYZ color 85.0666, 85.8698,

106.6988.

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

85.0666, 85.8698, 106.6988

Protanopia

83.5941, 85.9655, 106.7949

Deuteranopia

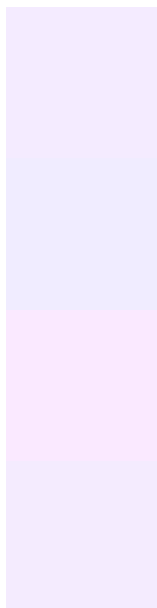
87.4146, 85.8159, 106.5646



Tritanopia

84.9060, 85.8055, 105.8530

Trichromacy



Original Color

85.0666, 85.8698, 106.6988

Protanomaly

83.9806, 85.7362, 106.7302

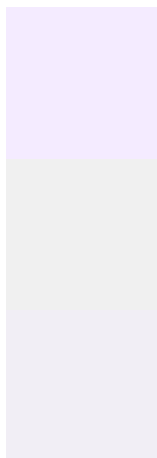
Deuteranomaly

86.6133, 85.8218, 106.6080

Tritanomaly

84.9060, 85.8055, 105.8530

Monochromacy



Original Color

85.0666, 85.8698, 106.6988

Achromatopsia

82.8234, 87.1367, 94.8919

Achromatomaly

83.3316, 86.4424, 98.6792

CSS Examples

Text

The CSS property to change the color of the text to XYZ 85.0666, 85.8698, 106.6988 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(244, 235, 255)` looks like.

```
.text, #text, p{  
    color:rgb(244, 235, 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(244, 235, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 235, 255) }
```

Border

The CSS property to change the border of an element to XYZ 85.0666, 85.8698, 106.6988 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(244, 235, 255) }
```


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

```
.border{ border-color:rgb(244, 235, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 235, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 235, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 235, 255);  
box-shadow:4px 4px 4px 4px rgb(244, 235,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 85.0666, 85.8698, 106.6988 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 235, 255) }
```

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

```
.background{ background-color: rgb(244,  
235, 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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