

Converting Colors

XYZ(84.4104, 88.3228,
102.6905)

Have a look what the booklet for
XYZ(84.4104, 88.3228, 102.6905)
contains.

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Color

**XYZ(84.3072, 88.1634,
103.0163)**

Conversions

Conversions Part 1

Format	Color
Hex	EFF1FA
RGB	239, 241, 250
RGB Percent	94%, 95%, 98%
CMY	0.0627, 0.0549, 0.0196
CMYK	0.04, 0.04, 0.00, 0.02
HSL	229°, 52%, 96%
HSV	229°, 4%, 98%
XYZ	84.3072, 88.1634, 103.0163
YIQ	241.4280, -4.0810, 2.3750

Conversions

Conversions Part 2

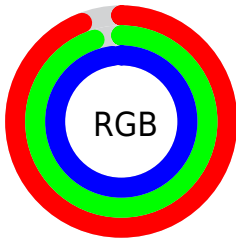
Format	Color
R _Y B	239, 241, 250
Decimal	15725050
CIE Lab	95.23, 0.97, -4.57
CIE LCh	95, 4.668, 282.014
Yxy	88.1634, 0.3060, 0.3200
Android (android.graphics.Color)	4293915130 (0xFFEFF1FA)
YUV	241.4280, 4.2260, -2.1294
Hunter-Lab	93.8954, -4.0445, 0.6774

Details

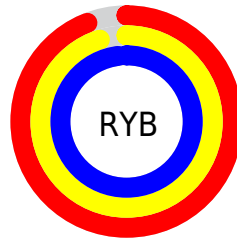
The XYZ color **84.3072, 88.1634, 103.0163** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **88.5720, 93.6900, 95.0785**, and the grayscale version is **83.9185, 88.2888, 96.1464**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.6150, 48.6602, 57.9744** is the 20% darker color. If you saturate the color by 10%, you get **70.7279, 72.6792, 100.7446**, and if you desaturate by 10%, it is **94.2556, 99.6822, 104.7167**.

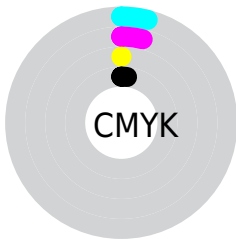
Distribution



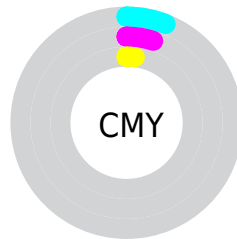
- Red (94%)
- Green (95%)
- Blue (98%)



- Red (94%)
- Yellow (95%)
- Blue (98%)



- Cyan (4%)
- Magenta (4%)
- Yellow (0%)
- Black (2%)



- Cyan (6%)
- Magenta (5%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 84.3072, 88.1634, 103.0163 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 84.3072, 88.1634, 103.0163 by changing the saturation by 10% instead.

84.3072, 88.1634,
103.0163

84.3072, 88.1634,
103.0163

497.8511,
522.0382, 591.1496

63.5897, 66.4584,
78.1911

138.3239,
144.7846, 167.3840

46.5788, 48.6446,
57.7136

172.3537,
180.4696, 207.7636

32.9094, 34.3377,
41.1653

211.5517,
221.5834, 254.1651

22.2159, 23.1531,
28.1276

256.2831,
268.5104, 307.0070

14.1331, 14.7066,
18.1820

306.9134,
321.6350, 366.7079

8.2957, 8.6137,
10.9099

363.8080,

4.3381, 4.4901,

381.3416, 433.6862

5.8929

427.3321,
448.0145, 508.3606

■ 1.8951, 1.9513,
2.7123

■ 0.5740, 0.5790,
0.9496

■ 84.3072, 88.1634,
103.0163

■ 84.3072, 88.1634,
103.0163

■ 70.7279, 72.6792,
100.7446

■ 94.2556, 99.6822,
104.7167

■ 58.9227, 59.0823,
98.7423

■ 48.8198, 47.3032,
97.0012

■ 40.3394, 37.2637,
95.5104

■ 33.3952, 28.8798,
94.2581

■ 27.8927, 22.0605,
93.2319

■ 23.7267, 16.7057,
92.4179

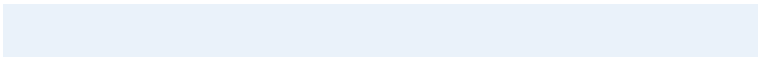
■ 20.7768, 12.7026,
91.8007

■ 18.8993, 9.9209,
91.3627

Harmonies

Analogous

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



83.0431, 88.1634, 102.8183



84.3072, 88.1634, 103.0163



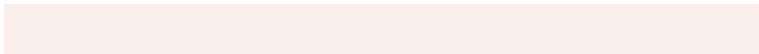
85.4457, 88.1634, 101.2983

Triad

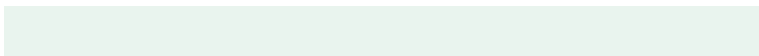
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



84.3072, 88.1634, 103.0163



85.6285, 88.1634, 91.3789



81.4900, 88.1634, 93.8465

Complementary

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



84.3072, 88.1634, 103.0163



88.5720, 93.6900, 95.0785

Split Complementary

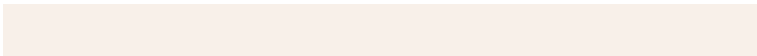
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



82.1690, 88.1634, 90.8800



84.3072, 88.1634, 103.0163



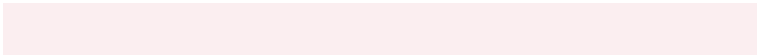
84.5548, 88.1634, 89.4804

Square

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



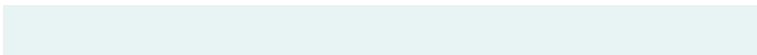
84.3072, 88.1634, 103.0163



86.2137, 88.1634, 94.5432



83.2882, 88.1634, 89.3001



81.4252, 88.1634, 97.4615

Rectangle

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



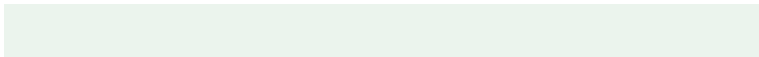
84.3072, 88.1634, 103.0163



85.9769, 88.1634, 99.3223



83.2882, 88.1634, 89.3001



81.6536, 88.1634, 92.7427

Sweetspot

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



84.3097, 88.1672, 103.0182



93.4564, 98.1962, 108.6358



86.7243, 93.4997, 102.2712



20.0203, 21.0370, 23.2553



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.



84.3097, 88.1672, 103.0182



87.2771, 91.1880, 107.6088



84.9073, 87.5995, 102.8772



17.6709, 18.4433, 22.0138



9.7355, 4.8266, 48.3921



0.9691, 0.5818, 4.5044

Inverse Universe

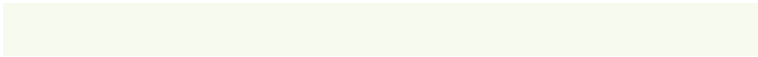
The Inverse Universe completely reimagines the original color for something new.



86.1700, 88.4096, 95.7465



89.4828, 91.4797, 98.9855



87.9545, 94.2911, 95.2271



18.1832, 18.5122, 20.0106



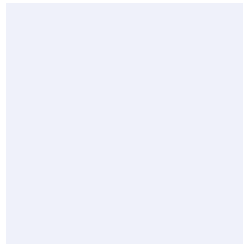
21.2061, 10.8982, 2.5277



1.9981, 1.0230, 0.4133

Previews

White Background



This preview shows how the XYZ color 84.3072, 88.1634, 103.0163 looks on a white background.

Color Contrast Check

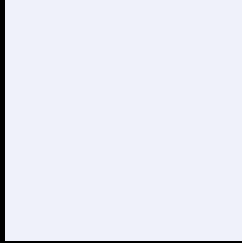
Large Text (above 18pt) WCAG AA × Fail

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 84.3072, 88.1634, 103.0163 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

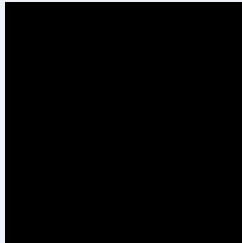
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

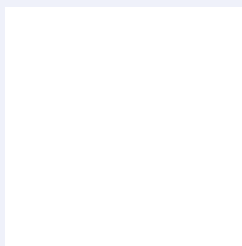
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 84.3072, 88.1634, 103.0163

Background



This preview shows how black text looks on a background with the XYZ color 84.3072, 88.1634, 103.0163.



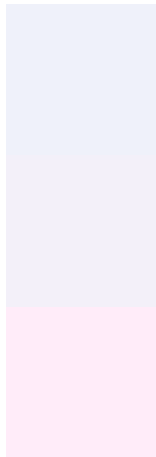
This preview shows how white text looks on a background with the XYZ color 84.3072, 88.1634,

103.0163.

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

84.3072, 88.1634, 103.0163

Protanopia

85.2211, 88.2144, 102.1580

Deuteranopia

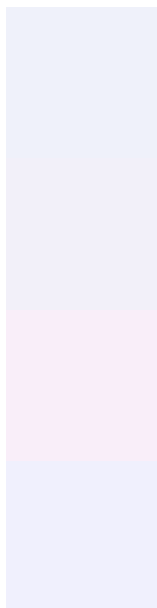
88.3343, 88.0905, 101.9700



Tritanopia

85.4857, 88.2409, 107.1344

Trichromacy



Original Color

84.3072, 88.1634, 103.0163

Protanomaly

84.8769, 88.0370, 102.1419

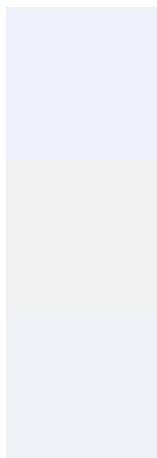
Deuteranomaly

86.7403, 88.1284, 102.0613

Tritanomaly

84.8249, 87.9373, 105.4313

Monochromacy



Original Color

84.3072, 88.1634, 103.0163

Achromatopsia

83.6081, 87.9622, 95.7909

Achromatomaly

83.7196, 87.9675, 98.1549

CSS Examples

Text

The CSS property to change the color of the text to XYZ 84.3072, 88.1634, 103.0163 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(239, 241, 250) looks like.

```
.text, #text, p{  
    color:rgb(239, 241, 250)  
}
```

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(239, 241, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 241, 250) }
```

Border

The CSS property to change the border of an element to XYZ 84.3072, 88.1634, 103.0163 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(239, 241, 250) }
```


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

```
.border{ border-color:rgb(239, 241, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 241, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 241, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 241, 250);  
box-shadow:4px 4px 4px 4px rgb(239, 241,  
250) }
```

Background

The CSS property to change the background color of an element to XYZ 84.3072, 88.1634, 103.0163 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 241, 250) }
```

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

```
.background{ background-color: rgb(239,  
241, 250) }
```

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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