

Converting Colors

XYZ(84.7815, 88.3532,
105.5139)

Have a look what the booklet for
XYZ(84.7815, 88.3532, 105.5139)
contains.

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Color

**XYZ(84.7815, 88.3532,
105.5139)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | EFF1FD |
| RGB | 239, 241, 253 |
| RGB Percent | 94%, 95%, 99% |
| CMY | 0.0627, 0.0549, 0.0078 |
| CMYK | 0.06, 0.05, 0.00, 0.01 |
| HSL | 231°, 78%, 96% |
| HSV | 231°, 6%, 99% |
| XYZ | 84.7815, 88.3532, 105.5139 |
| YIQ | 241.7700, -5.0440, 3.3080 |

Conversions

Conversions Part 2

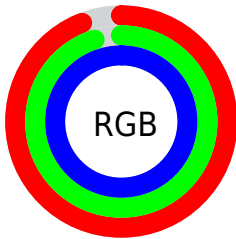
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 239, 241, 253 |
| Decimal | 15725053 |
| CIE _{Lab} | 95.31, 1.53, -6.00 |
| CIE _{LCh} | 95, 6.194, 284.274 |
| Yxy | 88.3532, 0.3043, 0.3171 |
| Android (android.graphics.Color) | 4293915133 (0xFFEFF1FD) |
| YUV | 241.7700, 5.5364, -2.4293 |
| Hunter-Lab | 93.9964, -3.4928, -0.7574 |

Details

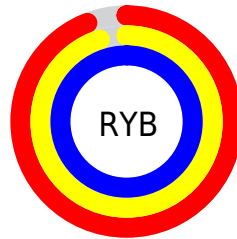
The XYZ color **84.7815, 88.3532, 105.5139** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **90.5853, 96.1079, 95.4390**, and the grayscale version is **84.1790, 88.5628, 96.4449**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.8412, 48.7507, 59.1656** is the 20% darker color. If you saturate the color by 10%, you get **70.7913, 72.1771, 103.1303**, and if you desaturate by 10%, it is **94.7299, 99.8720, 107.2143**.

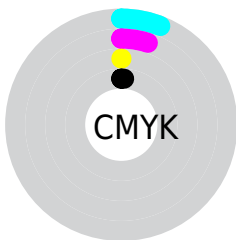
Distribution



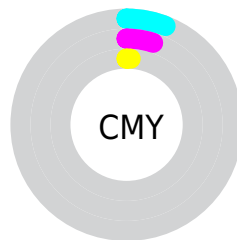
- Red (94%)
- Green (95%)
- Blue (99%)



- Red (94%)
- Yellow (95%)
- Blue (99%)



- Cyan (6%)
- Magenta (5%)
- Yellow (0%)
- Black (1%)



- Cyan (6%)
- Magenta (5%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 84.7815, 88.3532, 105.5139 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 84.7815, 88.3532, 105.5139 by changing the saturation by 10% instead.

84.7815, 88.3532,
105.5139

84.7815, 88.3532,
105.5139

499.3994,
522.6592, 599.1268

63.9827, 66.6156,
80.2709

138.9835,
145.0488, 170.8318

46.8983, 48.7723,
59.4138

173.1174,
180.7756, 211.7439

33.1629, 34.4389,
42.5241

212.4271,
221.9342, 258.7160

22.4111, 23.2310,
29.1833

257.2779,
268.9091, 312.1667

14.2776, 14.7642,
18.9727

308.0351,
322.0847, 372.5146

8.3970, 8.6540,
11.4740

365.0642,

4.4039, 4.5162,

381.8453, 440.1783

6.2684

428.7305,
448.5753, 515.5761

■ 1.9331, 1.9663,
2.9376

■ 0.5960, 0.5878,
1.0628

■ 84.7815, 88.3532,
105.5139

■ 84.7815, 88.3532,
105.5139

■ 70.7913, 72.1771,
103.1303

94.7299, 99.8720,
107.2143

■ 58.6818, 58.0620,
101.0441

■ 48.3743, 45.9280,
99.2452

■ 39.7819, 35.6857,
97.7211

■ 32.8104, 27.2388,
96.4582

■ 27.3563, 20.4823,
95.4415

■ 23.3039, 15.3001,
94.6548

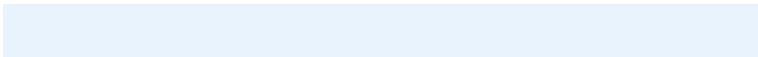
■ 20.5202, 11.5611,
94.0798

■ 18.8449, 9.1112,
93.6952

Harmonies

Analogous

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



83.0986, 88.3532, 105.4489



84.7815, 88.3532, 105.5139



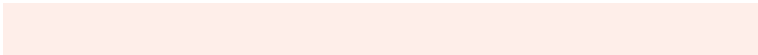
86.2680, 88.3532, 103.0263

Triad

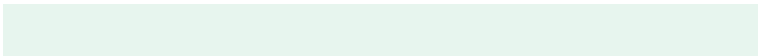
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



84.7815, 88.3532, 105.5139



86.3274, 88.3532, 89.8447



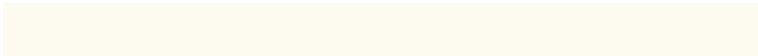
80.8852, 88.3532, 93.6990

Complementary

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



84.7815, 88.3532, 105.5139



90.5853, 96.1079, 95.4390

Split Complementary

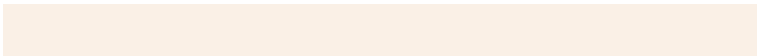
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



81.7270, 88.3532, 89.6852



84.7815, 88.3532, 105.5139



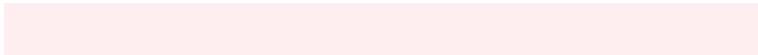
84.8617, 88.3532, 87.5114

Square

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



84.7815, 88.3532, 105.5139



87.1686, 88.3532, 93.9233



83.1777, 88.3532, 87.4540



80.8644, 88.3532, 98.5165

Rectangle

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



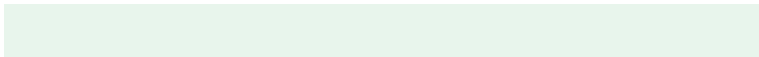
84.7815, 88.3532, 105.5139



86.9413, 88.3532, 100.3017



83.1777, 88.3532, 87.4540



81.0810, 88.3532, 92.2148

Sweetspot

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



84.7841, 88.3570, 105.5158



91.8202, 96.2889, 108.3539



88.1201, 95.5614, 104.9863



19.6872, 20.6487, 23.1979



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.



84.7841, 88.3570, 105.5158



84.0985, 87.3970, 107.0446



85.8710, 88.0415, 105.3977



17.8082, 18.4847, 22.8793



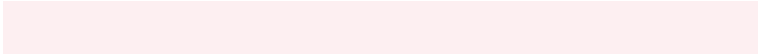
9.8321, 4.5738, 49.7992



1.0174, 0.5654, 4.8688

Inverse Universe

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



87.2536, 88.9682, 95.7974



87.2520, 88.1890, 94.6321



89.4535, 96.4587, 95.5664



18.5387, 18.6693, 20.0037



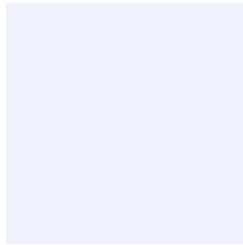
21.7510, 11.1897, 2.0733



2.1481, 1.1016, 0.3615

Previews

White Background



This preview shows how the XYZ color 84.7815, 88.3532, 105.5139 looks on a white background.

Color Contrast Check

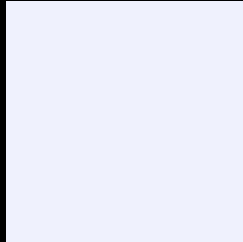
Large Text (above 18pt) WCAG AA × Fail

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 84.7815, 88.3532, 105.5139 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

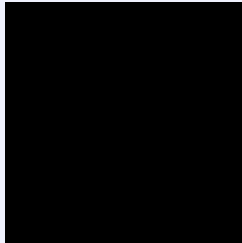
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 84.7815, 88.3532, 105.5139

Background



This preview shows how black text looks on a background with the XYZ color 84.7815, 88.3532, 105.5139.



This preview shows how white text looks on a background with the XYZ color 84.7815, 88.3532,

105.5139.

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

84.7815, 88.3532, 105.5139

Protanopia

85.3487, 88.2257, 104.6264

Deuteranopia

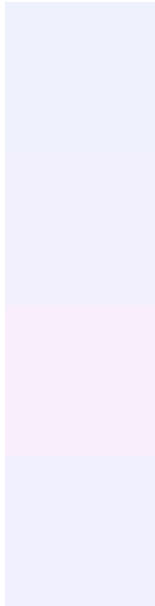
88.6480, 88.2159, 103.6219



Tritanopia

85.1453, 88.0654, 107.1184

Trichromacy



Original Color

84.7815, 88.3532, 105.5139

Protanomaly

85.0064, 88.0492, 104.6103

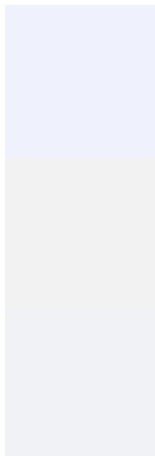
Deuteranomaly

87.2121, 88.3171, 104.5458

Tritanomaly

84.9847, 88.0012, 106.2727

Monochromacy



Original Color

84.7815, 88.3532, 105.5139

Achromatopsia

84.3971, 88.7923, 96.6948

Achromatomaly

84.6623, 88.8589, 99.8781

CSS Examples

Text

The CSS property to change the color of the text to XYZ 84.7815, 88.3532, 105.5139 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, 253)` looks like.

```
.text, #text, p{  
    color:rgb(239, 241, 253)  
}
```

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, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 241, 253) }
```

Border

The CSS property to change the border of an element to XYZ 84.7815, 88.3532, 105.5139 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, 253) }
```


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

```
.border{ border-color:rgb(239, 241, 253) }
```

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, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 241, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 241, 253);  
box-shadow:4px 4px 4px 4px rgb(239, 241,  
253) }
```

Background

The CSS property to change the background color of an element to XYZ 84.7815, 88.3532, 105.5139 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, 253) }
```

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

```
.background{ background-color: rgb(239,  
241, 253) }
```

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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