

Converting Colors

XYZ(84.0508, 87.7515,
105.7722)

Have a look what the booklet for
XYZ(84.0508, 87.7515, 105.7722)
contains.

XYZ(84.1100, 88.0070, 105.4825) 3

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Color

**XYZ(84.1100, 88.0070,
105.4825)**

Conversions

Conversions Part 1

Format	Color
Hex	EDF1FD
RGB	237, 241, 253
RGB Percent	93%, 95%, 99%
CMY	0.0706, 0.0549, 0.0078
CMYK	0.06, 0.05, 0.00, 0.01
HSL	225°, 80%, 96%
HSV	225°, 6%, 99%
XYZ	84.1100, 88.0070, 105.4825
YIQ	241.1720, -6.2360, 2.8840

Conversions

Conversions Part 2

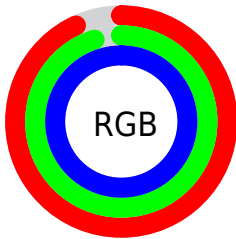
Format	Color
R_{YB}	237, 240, 253
Decimal	15593981
CIE _{Lab}	95.16, 0.88, -6.23
CIE _{LCh}	95, 6.296, 278.039
Yxy	88.0070, 0.3030, 0.3170
Android (android.graphics.Color)	4293784061 (0xFFEDF1FD)
YUV	241.1720, 5.8312, -3.6588
Hunter-Lab	93.8120, -4.1316, -0.9974

Details

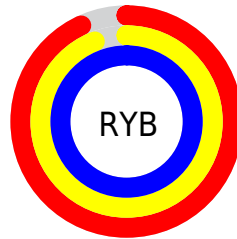
The XYZ color **84.1100, 88.0070, 105.4825** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **89.6700, 94.7476, 93.6843**, and the grayscale version is **83.7058, 88.0650, 95.9028**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.3688, 48.5072, 59.1435** is the 20% darker color. If you saturate the color by 10%, you get **70.9263, 73.3066, 103.3412**, and if you desaturate by 10%, it is **94.7299, 99.8720, 107.2143**.

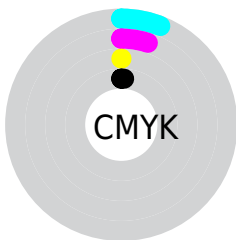
Distribution



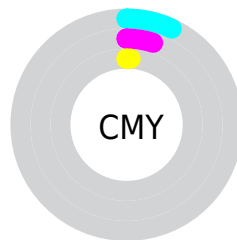
- Red (93%)
- Green (95%)
- Blue (99%)



- Red (93%)
- Yellow (94%)
- Blue (99%)



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



- Cyan (7%)
- Magenta (5%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 84.1100, 88.0070, 105.4825 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 84.1100, 88.0070, 105.4825 by changing the saturation by 10% instead.

84.1100, 88.0070,
105.4825

84.1100, 88.0070,
105.4825

497.2066,
521.5262, 599.0268

63.4263, 66.3289,
80.2447

138.0495,
144.5669, 170.7886

46.4461, 48.5394,
59.3924

172.0360,
180.2175, 211.6939

32.8041, 34.2543,
42.5070

211.1874,
221.2943, 258.6589

22.1349, 23.0890,
29.1700

255.8692,
268.1818, 312.1020

14.0732, 14.6592,
18.9627

306.4467,
321.2643, 372.4418

8.2537, 8.5806,
11.4668

363.2851,

4.3109, 4.4686,

380.9263, 440.0969

6.2636

426.7500,
447.5521, 515.4857

■ 1.8795, 1.9390,
2.9347

■ 0.5649, 0.5717,
1.0614

■ 84.1100, 88.0070,
105.4825

■ 84.1100, 88.0070,
105.4825

■ 70.9263, 73.3066,
103.3412

94.7299, 99.8720,
107.2143

■ 59.4491, 60.3250,
101.4405

■ 49.6091, 49.0012,
99.7734

■ 41.3293, 39.2662,
98.3307

■ 34.5263, 31.0461,
97.1026

■ 29.1084, 24.2605,
96.0784

■ 24.9732, 18.8213,
95.2465

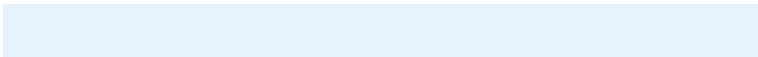
■ 22.0029, 14.6290,
94.5939

■ 20.0542, 11.5677,
94.1057

Harmonies

Analogous

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



82.4210, 88.0070, 104.8522



84.1100, 88.0070, 105.4825



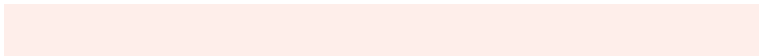
85.6963, 88.0070, 103.4561

Triad

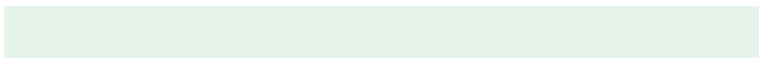
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



84.1100, 88.0070, 105.4825



86.2719, 88.0070, 90.1227



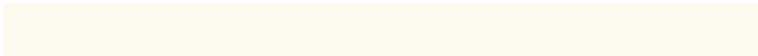
80.6271, 88.0070, 92.3364

Complementary

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



84.1100, 88.0070, 105.4825



89.6700, 94.7476, 93.6843

Split Complementary

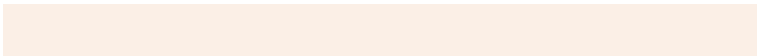
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



81.6326, 88.0070, 88.5781



84.1100, 88.0070, 105.4825



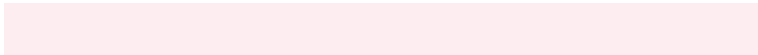
84.8872, 88.0070, 87.3307

Square

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



84.1100, 88.0070, 105.4825



86.9556, 88.0070, 94.5101



83.1877, 88.0070, 86.7751



80.4254, 88.0070, 97.1514

Rectangle

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



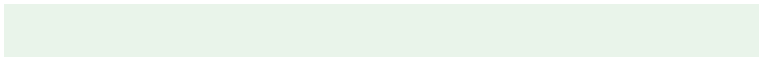
84.1100, 88.0070, 105.4825



86.4768, 88.0070, 100.9107



83.1877, 88.0070, 86.7751



80.8816, 88.0070, 90.9124

Sweetspot

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



84.1126, 88.0107, 105.4844



91.9908, 96.6300, 108.4108



87.1091, 95.0795, 103.1671



19.7219, 20.7182, 23.2095



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.



84.1126, 88.0107, 105.4844



83.2523, 86.9606, 107.0050



84.2000, 86.3157, 105.1527



17.3723, 18.1161, 22.8311



10.4826, 5.8748, 50.0160



1.1029, 0.7365, 4.8973

Inverse Universe

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



86.6714, 87.8037, 95.6032



86.5183, 86.7216, 94.3872



89.5748, 96.5552, 94.0382



18.1958, 18.0616, 19.6482



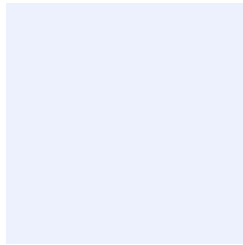
22.0793, 11.3210, 3.8023



2.1913, 1.1189, 0.5888

Previews

White Background



This preview shows how the XYZ color 84.1100, 88.0070, 105.4825 looks on a white background.

Color Contrast Check

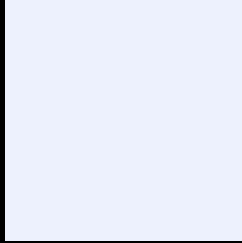
Large Text (above 18pt) WCAG AA × Fail

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 84.1100, 88.0070, 105.4825 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

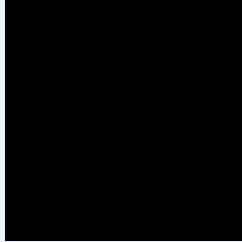
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 84.1100, 88.0070, 105.4825

Background



This preview shows how black text looks on a background with the XYZ color 84.1100, 88.0070, 105.4825.



This preview shows how white text looks on a background with the XYZ color 84.1100, 88.0070,

105.4825.

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

84.1100, 88.0070, 105.4825

Protanopia

85.3487, 88.2257, 104.6264

Deuteranopia

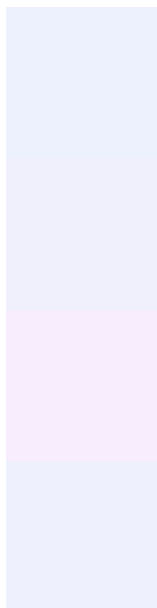
88.5190, 87.7049, 104.3588



Tritanopia

84.8067, 87.8909, 107.1026

Trichromacy



Original Color

84.1100, 88.0070, 105.4825

Protanomaly

84.6660, 87.8737, 104.5944

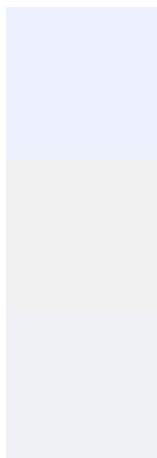
Deuteranomaly

86.5663, 87.5531, 104.4324

Tritanomaly

84.3094, 87.6531, 106.2411

Monochromacy



Original Color

84.1100, 88.0070, 105.4825

Achromatopsia

83.6081, 87.9622, 95.7909

Achromatomaly

83.8719, 88.0284, 98.9569

CSS Examples

Text

The CSS property to change the color of the text to XYZ 84.1100, 88.0070, 105.4825 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(237, 241, 253)` looks like.

```
.text, #text, p{  
    color:rgb(237, 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(237, 241, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 241, 253) }
```

Border

The CSS property to change the border of an element to XYZ 84.1100, 88.0070, 105.4825 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(237, 241, 253) }
```


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

```
.border{ border-color:rgb(237, 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(237, 241, 253) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 241, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 241, 253);  
box-shadow:4px 4px 4px 4px rgb(237, 241,  
253) }
```

Background

The CSS property to change the background color of an element to XYZ 84.1100, 88.0070, 105.4825 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 241, 253) }
```

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

```
.background{ background-color: rgb(237,  
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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