

Converting Colors

XYZ(84.5847, 88.3694,
107.2067)

Have a look what the booklet for
XYZ(84.5847, 88.3694, 107.2067)
contains.

XYZ(84.4303, 88.1351, 107.1696)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(84.4303, 88.1351,
107.1696)**

Conversions

Conversions Part 1

Format	Color
Hex	EDF1FF
RGB	237, 241, 255
RGB Percent	93%, 95%, 100%
CMY	0.0706, 0.0549, 0.0000
CMYK	0.07, 0.05, 0.00, 0.00
HSL	227°, 100%, 96%
HSV	227°, 7%, 100%
XYZ	84.4303, 88.1351, 107.1696
YIQ	241.4000, -6.8780, 3.5060

Conversions

Conversions Part 2

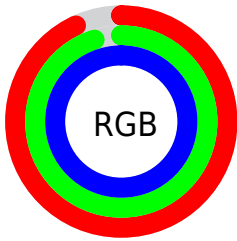
Format	Color
R_{YB}	237, 240, 255
Decimal	15593983
CIE Lab	95.22, 1.26, -7.19
CIE LCh	95, 7.300, 279.914
Yxy	88.1351, 0.3018, 0.3151
Android (android.graphics.Color)	4293784063 (0xFFEDF1FF)
YUV	241.4000, 6.7048, -3.8588
Hunter-Lab	93.8803, -3.7583, -1.9666

Details

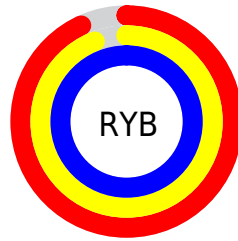
The XYZ color **84.4303, 88.1351, 107.1696** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **91.0223, 96.3666, 93.9254**, and the grayscale version is **83.8789, 88.2471, 96.1011**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.5981, 48.5989, 60.3506** is the 20% darker color. If you saturate the color by 10%, you get **70.9615, 72.9501, 104.9485**, and if you desaturate by 10%, it is **95.0500, 100.0000, 108.9000**.

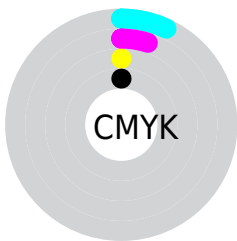
Distribution



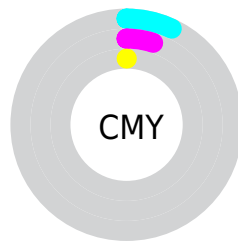
- Red (93%)
- Green (95%)
- Blue (100%)



- Red (93%)
- Yellow (94%)
- Blue (100%)



- Cyan (7%)
- Magenta (5%)
- Yellow (0%)
- Black (0%)



- Cyan (7%)
- Magenta (5%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 84.4303, 88.1351, 107.1696 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 84.4303, 88.1351, 107.1696 by changing the saturation by 10% instead.

84.4303, 88.1351,
107.1696

84.4303, 88.1351,
107.1696

498.2532,
521.9456, 604.3845

63.6917, 66.4350,
81.6514

138.4951,
144.7452, 173.1130

46.6617, 48.6256,
60.5441

172.5520,
180.4240, 214.3752

32.9752, 34.3226,
43.4292

211.7789,
221.5311, 261.7226

22.2666, 23.1415,
29.8881

256.5414,
268.4510, 315.5735

14.1706, 14.6980,
19.5023

307.2047,
321.5679, 376.3467

8.3219, 8.6077,
11.8533

364.1342,

4.3551, 4.4862,

381.2664, 444.4605

6.5226

427.6952,
447.9308, 520.3336

■ 1.9049, 1.9491,
3.0915

■ 0.5797, 0.5776,
1.1415

■ 84.4303, 88.1351,
107.1696

■ 84.4303, 88.1351,
107.1696

■ 70.9615, 72.9501,
104.9485

95.0500, 100.0000,
108.9000

■ 59.2686, 59.5963,
102.9872

■ 49.2782, 48.0063,
101.2766

■ 40.9088, 38.1046,
99.8065

■ 34.0720, 29.8100,
98.5658

■ 28.6709, 23.0340,
97.5426

■ 24.5966, 17.6794,
96.7238

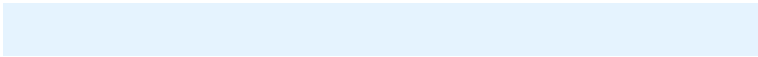
■ 21.7237, 13.6363,
96.0948

■ 19.8971, 10.7747,
95.6388

Harmonies

Analogous

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



82.4624, 88.1351, 106.6291



84.4303, 88.1351, 107.1696



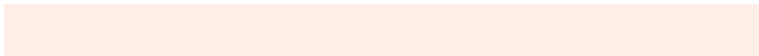
86.2491, 88.1351, 104.6178

Triad

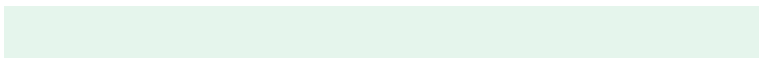
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



84.4303, 88.1351, 107.1696



86.7393, 88.1351, 89.1027



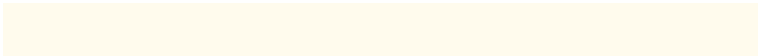
80.2270, 88.1351, 92.2493

Complementary

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



84.4303, 88.1351, 107.1696



91.0223, 96.3666, 93.9254

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.



81.3384, 88.1351, 87.8013



84.4303, 88.1351, 107.1696



85.0909, 88.1351, 86.0351

Square

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



84.4303, 88.1351, 107.1696



87.5961, 88.1351, 94.0897



83.1127, 88.1351, 85.5683



80.0565, 88.1351, 97.8633

Rectangle

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



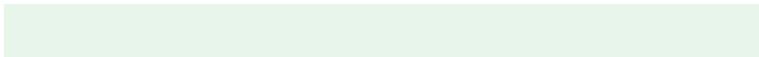
84.4303, 88.1351, 107.1696



87.1247, 88.1351, 101.5636



83.1127, 88.1351, 85.5683



80.5021, 88.1351, 90.5744

Sweetspot

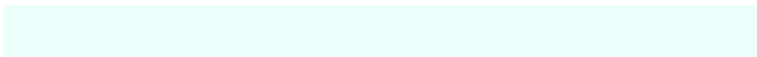
The Sweet Spot groups the original color and five complimentary colors.



84.4326, 88.1387, 107.1701



91.9465, 96.5414, 108.3960



88.0668, 96.4773, 105.0823



19.7129, 20.7001, 23.2065



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.



84.4326, 88.1387, 107.1701



83.0860, 86.6280, 106.9495



84.8845, 86.6315, 106.8554



17.3307, 18.0329, 22.8172



10.2789, 5.4674, 49.9481



1.0778, 0.6863, 4.8889

Inverse Universe

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



87.4027, 88.1806, 95.6374



86.4343, 86.6880, 93.9452



90.5426, 97.9956, 94.2651



18.1748, 18.0532, 19.5376



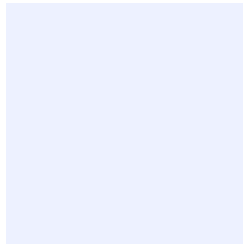
21.9765, 11.2799, 3.2608



2.1786, 1.1138, 0.5221

Previews

White Background



This preview shows how the XYZ color 84.4303, 88.1351, 107.1696 looks on a white background.

Color Contrast Check

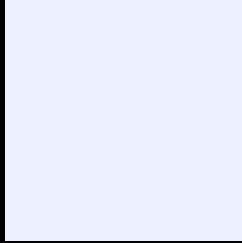
Large Text (above 18pt) WCAG AA × Fail

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 84.4303, 88.1351, 107.1696 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 84.4303, 88.1351, 107.1696

Background



This preview shows how black text looks on a background with the XYZ color 84.4303, 88.1351, 107.1696.



This preview shows how white text looks on a background with the XYZ color 84.4303, 88.1351,

107.1696.

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

84.4303, 88.1351, 107.1696

Protanopia

85.6674, 88.3532, 106.3046

Deuteranopia

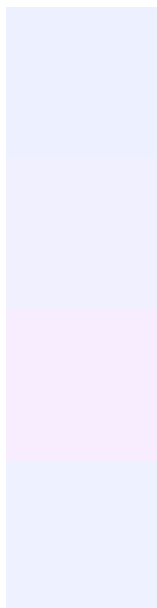
88.8377, 87.8324, 106.0370



Tritanopia

85.1019, 88.4813, 107.2010

Trichromacy



Original Color

84.4303, 88.1351, 107.1696

Protanomaly

84.9847, 88.0012, 106.2727

Deuteranomaly

86.8850, 87.6806, 106.1106

Tritanomaly

84.7652, 88.3077, 107.1852

Monochromacy



Original Color

84.4303, 88.1351, 107.1696

Achromatopsia

83.6081, 87.9622, 95.7909

Achromatomaly

84.0250, 88.0897, 99.7632

CSS Examples

Text

The CSS property to change the color of the text to XYZ 84.4303, 88.1351, 107.1696 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, 255)` looks like.

```
.text, #text, p{  
    color:rgb(237, 241, 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(237, 241, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 241, 255) }
```

Border

The CSS property to change the border of an element to XYZ 84.4303, 88.1351, 107.1696 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, 255) }
```


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

```
.border{ border-color:rgb(237, 241, 255) }
```

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, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 241, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 241, 255);  
box-shadow:4px 4px 4px 4px rgb(237, 241,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 84.4303, 88.1351, 107.1696 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, 255) }
```

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

```
.background{ background-color: rgb(237,  
241, 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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