

Converting Colors

XYZ(85.5724, 88.1547,
107.1131)

Have a look what the booklet for
XYZ(85.5724, 88.1547, 107.1131)
contains.

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Color

**XYZ(85.8280, 88.4174,
107.1504)**

Conversions

Conversions Part 1

Format	Color
Hex	F2F0FF
RGB	242, 240, 255
RGB Percent	95%, 94%, 100%
CMY	0.0510, 0.0588, 0.0000
CMYK	0.05, 0.06, 0.00, 0.00
HSL	248°, 100%, 97%
HSV	248°, 6%, 100%
XYZ	85.8280, 88.4174, 107.1504
YIQ	242.3080, -3.6230, 5.0890

Conversions

Conversions Part 2

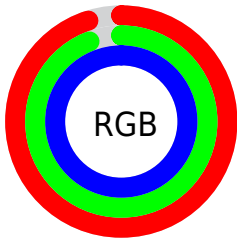
Format	Color
R _Y B	242, 240, 255
Decimal	15921407
CIE Lab	95.34, 3.38, -6.97
CIE LCh	95, 7.751, 295.878
Yxy	88.4174, 0.3050, 0.3142
Android (android.graphics.Color)	4294111487 (0xFF F2 F0 FF)
YUV	242.3080, 6.2572, -0.2701
Hunter-Lab	94.0305, -1.6244, -1.7412

Details

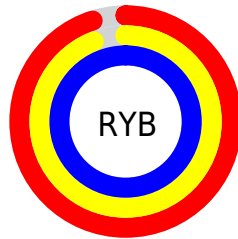
The XYZ color **85.8280, 88.4174, 107.1504** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **91.9984, 98.6950, 96.6437**, and the grayscale version is **84.5981, 89.0038, 96.9251**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.5832, 48.7973, 60.3370** is the 20% darker color. If you saturate the color by 10%, you get **71.7086, 70.7690, 104.4881**, and if you desaturate by 10%, it is **95.0500, 100.0000, 108.9000**.

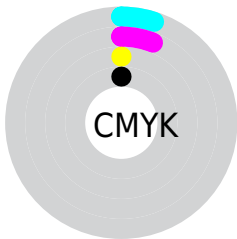
Distribution



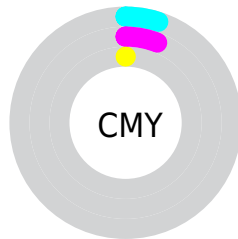
- Red (95%)
- Green (94%)
- Blue (100%)



- Red (95%)
- Yellow (94%)
- Blue (100%)



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 85.8280, 88.4174, 107.1504 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 85.8280, 88.4174, 107.1504 by changing the saturation by 10% instead.

85.8280, 88.4174,
107.1504

85.8280, 88.4174,
107.1504

502.8064,
522.8692, 604.3237

64.8505, 66.6688,
81.6354

140.4375,
145.1381, 173.0866

47.6042, 48.8155,
60.5310

174.8003,
180.8790, 214.3448

33.7235, 34.4732,
43.4186

214.3555,
222.0529, 261.6878

22.8431, 23.2573,
29.8799

259.4686,
269.0440, 315.5341

14.5978, 14.7836,
19.4962

310.5049,
322.2367, 376.3023

8.6220, 8.6677,
11.8489

367.8297,

4.5506, 4.5251,

382.0156, 444.4110

6.5196

431.8084,
448.7650, 520.2786

■ 2.0181, 1.9714,
3.0897

■ 0.6441, 0.5908,
1.1406

■ 85.8280, 88.4174,
107.1504

■ 85.8280, 88.4174,
107.1504

■ 71.7086, 70.7690,
104.4881

95.0500, 100.0000,
108.9000

■ 59.4825, 55.5950,
102.2036

■ 49.0707, 42.7879,
100.2803

■ 40.3860, 32.2275,
98.6997

■ 33.3340, 23.7836,
97.4415

■ 27.8110, 17.3120,
96.4835

■ 23.7011, 12.6507,
95.8004

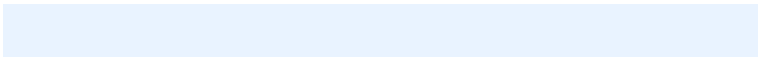
■ 20.8716, 9.6114,
95.3629

■ 19.1626, 7.9629,
95.1348

Harmonies

Analogous

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



83.7457, 88.4174, 108.3787



85.8280, 88.4174, 107.1504



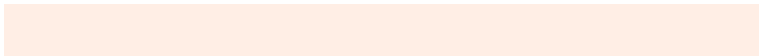
87.4545, 88.4174, 102.9630

Triad

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



85.8280, 88.4174, 107.1504



86.3432, 88.4174, 86.9359



80.0415, 88.4174, 95.4357

Complementary

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



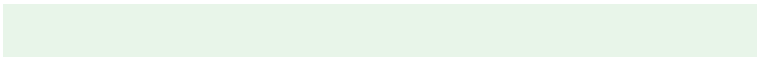
85.8280, 88.4174, 107.1504



91.9984, 98.6950, 96.6437

Split Complementary

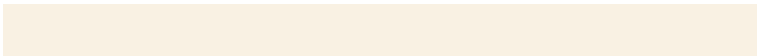
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



80.7118, 88.4174, 89.8765



85.8280, 88.4174, 107.1504



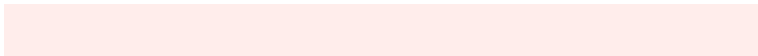
84.3311, 88.4174, 85.1014

Square

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



85.8280, 88.4174, 107.1504



87.7555, 88.4174, 91.2705



82.2732, 88.4174, 86.1551



80.4272, 88.4174, 101.4520

Rectangle

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



85.8280, 88.4174, 107.1504



88.0494, 88.4174, 99.1451



82.2732, 88.4174, 86.1551



80.1505, 88.4174, 93.4540

Sweetspot

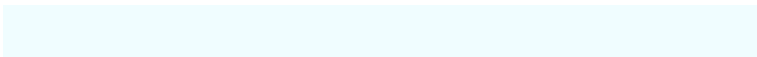
The Sweet Spot groups the original color and five complimentary colors.



85.8303, 88.4211, 107.1510



91.8367, 95.9602, 108.2896



89.1916, 96.1552, 108.4666



19.6905, 20.5817, 23.1848



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.



85.8303, 88.4211, 107.1510



84.1522, 86.3177, 106.8334



88.3686, 89.7296, 107.2698



17.8206, 18.2358, 22.8306



9.8439, 3.9852, 49.6850



1.0245, 0.4221, 4.8407

Inverse Universe

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



90.1320, 90.6756, 105.6834



89.2374, 88.9832, 105.0867



89.4086, 97.3599, 96.5225



18.9984, 18.8531, 22.4245



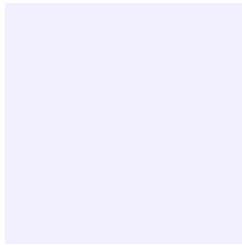
28.4124, 13.8543, 37.1519



2.7940, 1.3600, 3.7628

Previews

White Background



This preview shows how the XYZ color 85.8280, 88.4174, 107.1504 looks on a white background.

Color Contrast Check

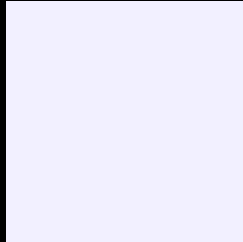
Large Text (above 18pt) WCAG AA × Fail

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 85.8280, 88.4174, 107.1504 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

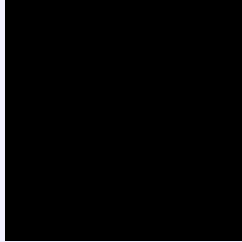
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 85.8280, 88.4174, 107.1504

Background



This preview shows how black text looks on a background with the XYZ color 85.8280, 88.4174, 107.1504.



This preview shows how white text looks on a background with the XYZ color 85.8280, 88.4174,

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

85.8280, 88.4174, 107.1504

Protanopia

85.8280, 88.4174, 107.1504

Deuteranopia

88.9651, 88.3428, 105.2914



Tritanopia

85.8280, 88.4174, 107.1504

Trichromacy



Original Color

85.8280, 88.4174, 107.1504

Protanomaly

85.8280, 88.4174, 107.1504

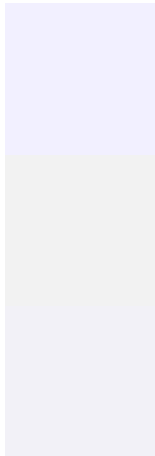
Deuteranomaly

87.5979, 88.0481, 106.1440

Tritanomaly

85.8280, 88.4174, 107.1504

Monochromacy



Original Color

85.8280, 88.4174, 107.1504

Achromatopsia

84.3971, 88.7923, 96.6948

Achromatomaly

84.8617, 88.5032, 100.6058

CSS Examples

Text

The CSS property to change the color of the text to XYZ 85.8280, 88.4174, 107.1504 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(242, 240, 255) looks like.

```
.text, #text, p{  
    color:rgb(242, 240, 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(242, 240, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 240, 255) }
```

Border

The CSS property to change the border of an element to XYZ 85.8280, 88.4174, 107.1504 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(242, 240, 255) }
```


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

```
.border{ border-color:rgb(242, 240, 255) }
```

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

Here you see how a box with a 4 pixel rgb(242, 240, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 240, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 240, 255);  
box-shadow:4px 4px 4px 4px rgb(242, 240,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 85.8280, 88.4174, 107.1504 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 240, 255) }
```

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

```
.background{ background-color: rgb(242,  
240, 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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