

Converting Colors

XYZ(94.1858, 91.2233,
151.0078)

Have a look what the booklet for
XYZ(94.1858, 91.2233, 151.0078)
contains.

XYZ(85.8787, 88.0077, 107.0686)	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(85.8787, 88.0077,
107.0686)**

Conversions

Conversions Part 1

Format	Color
Hex	F3EFFF
RGB	243, 239, 255
RGB Percent	95%, 94%, 100%
CMY	0.0471, 0.0627, 0.0000
CMYK	0.05, 0.06, 0.00, 0.00
HSL	255°, 100%, 97%
HSV	255°, 6%, 100%
XYZ	85.8787, 88.0077, 107.0686
YIQ	242.0200, -2.7520, 5.8240

Conversions

Conversions Part 2

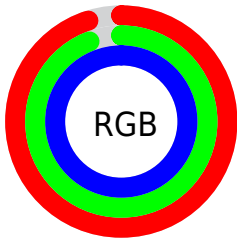
Format	Color
R_{YB}	243, 239, 255
Decimal	15986687
CIE _{Lab}	95.16, 4.22, -7.22
CIE _{LCh}	95, 8.364, 300.308
Yxy	88.0077, 0.3057, 0.3132
Android (android.graphics.Color)	4294176767 (0xFFFF3EFFF)
YUV	242.0200, 6.3991, 0.8595
Hunter-Lab	93.8124, -0.7675, -1.9993

Details

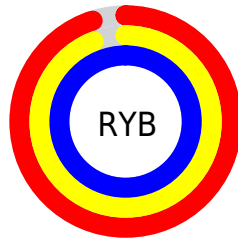
The XYZ color **85.8787, 88.0077, 107.0686** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **91.1258, 98.2622, 95.8294**, and the grayscale version is **84.3686, 88.7623, 96.6621**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.6200, 48.5090, 60.2794** is the 20% darker color. If you saturate the color by 10%, you get **72.6730, 70.8904, 104.4607**, and if you desaturate by 10%, it is **95.0500, 100.0000, 108.9000**.

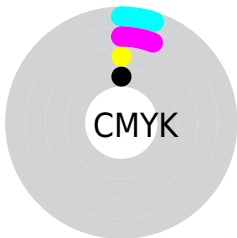
Distribution



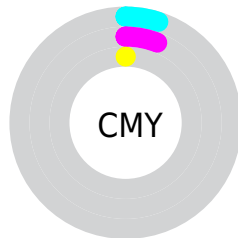
- Red (95%)
- Green (94%)
- Blue (100%)



- 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 85.8787, 88.0077, 107.0686 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 85.8787, 88.0077, 107.0686 by changing the saturation by 10% instead.

85.8787, 88.0077,
107.0686

85.8787, 88.0077,
107.0686

502.9711,
521.5284, 604.0644

64.8926, 66.3294,
81.5671

140.5079,
144.5679, 172.9739

47.6384, 48.5399,
60.4751

174.8817,
180.2186, 214.2149

33.7507, 34.2546,
43.3739

214.4488,
221.2956, 261.5394

22.8641, 23.0893,
29.8450

259.5746,
268.1832, 315.3660

14.6133, 14.6594,
19.4699

310.6243,
321.2660, 376.1133

8.6330, 8.5807,
11.8301

367.9634,

4.5578, 4.4687,

380.9281, 444.1998

6.5069

431.9573,
447.5542, 520.0440

■ 2.0223, 1.9391,
3.0820

■ 0.6464, 0.5717,
1.1366

■ 85.8787, 88.0077,
107.0686

■ 85.8787, 88.0077,
107.0686

■ 72.6730, 70.8904,
104.4607

95.0500, 100.0000,
108.9000

■ 61.1410, 56.1318,
102.2198

■ 51.2163, 43.6303,
100.3298

■ 42.8249, 33.2728,
98.7729

■ 35.8871, 24.9359,
97.5294

■ 30.3152, 18.4837,
96.5777

■ 26.0119, 13.7627,
95.8932

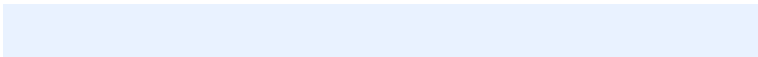
■ 22.8652, 10.5948,
95.4476

■ 20.7405, 8.7601,
95.2055

Harmonies

Analogous

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



83.6723, 88.0077, 108.9252



85.8787, 88.0077, 107.0686



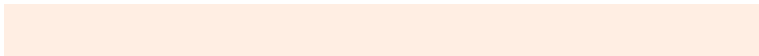
87.5118, 88.0077, 102.1745

Triad

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



85.8787, 88.0077, 107.0686



85.8372, 88.0077, 85.3357



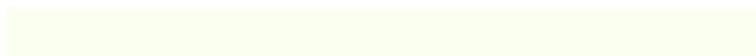
79.3445, 88.0077, 95.8929

Complementary

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



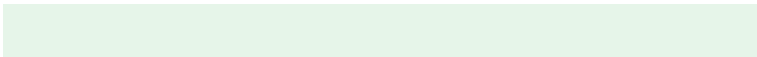
85.8787, 88.0077, 107.0686



91.1258, 98.2622, 95.8294

Split Complementary

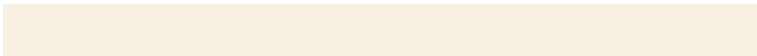
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



79.9010, 88.0077, 89.7450



85.8787, 88.0077, 107.0686



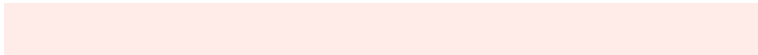
83.6251, 88.0077, 83.8204

Square

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



85.8787, 88.0077, 107.0686



87.4875, 88.0077, 89.6331



81.4576, 88.0077, 85.3982



79.9238, 88.0077, 102.2965

Rectangle

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



85.8787, 88.0077, 107.0686



88.0411, 88.0077, 97.9528



81.4576, 88.0077, 85.3982



79.4048, 88.0077, 93.7291

Sweetspot

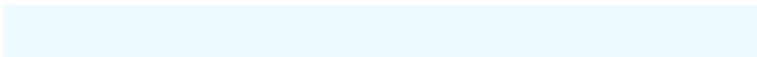
The Sweet Spot groups the original color and five complimentary colors.



85.8810, 88.0113, 107.0692



92.0510, 96.0707, 108.2996



88.2295, 94.7336, 108.2430



19.7342, 20.6042, 23.1869



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.



85.8810, 88.0113, 107.0692



83.4764, 84.8802, 106.5916



88.6063, 89.4163, 107.1968



17.4282, 17.5970, 22.7279



10.6404, 4.3958, 49.7222



1.1308, 0.4769, 4.8457

Inverse Universe

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



89.5213, 89.9615, 103.9157



88.0740, 87.3439, 102.5796



88.3965, 96.8552, 95.7016



18.5873, 18.2182, 21.7099



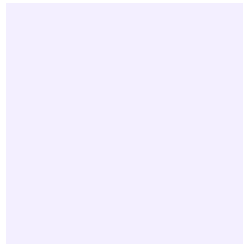
26.5419, 13.1060, 27.3017



2.6279, 1.2936, 2.8881

Previews

White Background



This preview shows how the XYZ color 85.8787, 88.0077, 107.0686 looks on a white background.

Color Contrast Check

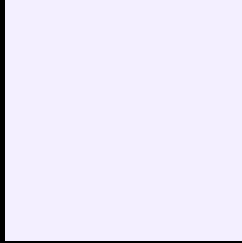
Large Text (above 18pt) WCAG AA × Fail

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 85.8787, 88.0077, 107.0686 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

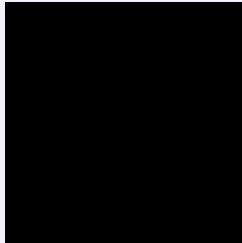
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 85.8787, 88.0077, 107.0686

Background



This preview shows how black text looks on a background with the XYZ color 85.8787, 88.0077, 107.0686.



This preview shows how white text looks on a background with the XYZ color 85.8787, 88.0077,

107.0686.

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

85.8787, 88.0077, 107.0686

Protanopia

85.4857, 88.2409, 107.1344

Deuteranopia

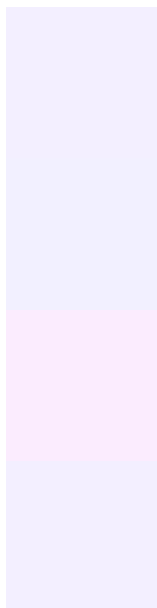
88.8377, 87.8324, 106.0370



Tritanopia

85.8787, 88.0077, 107.0686

Trichromacy



Original Color

85.8787, 88.0077, 107.0686

Protanomaly

85.8280, 88.4174, 107.1504

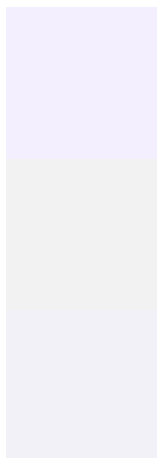
Deuteranomaly

87.6685, 87.6559, 106.0646

Tritanomaly

85.8787, 88.0077, 107.0686

Monochromacy



Original Color

85.8787, 88.0077, 107.0686

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 85.8787, 88.0077, 107.0686 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(243, 239, 255)` looks like.

```
.text, #text, p{  
    color:rgb(243, 239, 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(243, 239, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 239, 255) }
```

Border

The CSS property to change the border of an element to XYZ 85.8787, 88.0077, 107.0686 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(243, 239, 255) }
```


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

```
.border{ border-color:rgb(243, 239, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 239, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 239, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 239, 255);  
box-shadow:4px 4px 4px 4px rgb(243, 239,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 85.8787, 88.0077, 107.0686 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 239, 255) }
```

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

```
.background{ background-color: rgb(243,  
239, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor