

Converting Colors

XYZ(87.1661, 88.6686,
109.2512)

Have a look what the booklet for
XYZ(87.1661, 88.6686, 109.2512)
contains.

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Color

**XYZ(86.5727, 88.3655,
107.1011)**

Conversions

Conversions Part 1

Format	Color
Hex	F5EFFF
RGB	245, 239, 255
RGB Percent	96%, 94%, 100%
CMY	0.0392, 0.0627, 0.0000
CMYK	0.04, 0.06, 0.00, 0.00
HSL	262°, 100%, 97%
HSV	262°, 6%, 100%
XYZ	86.5727, 88.3655, 107.1011
YIQ	242.6180, -1.5600, 6.2480

Conversions

Conversions Part 2

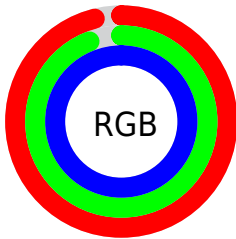
Format	Color
R _Y B	245, 239, 255
Decimal	16117759
CIE Lab	95.31, 4.87, -6.98
CIE LCh	95, 8.512, 304.904
Yxy	88.3655, 0.3070, 0.3133
Android (android.graphics.Color)	4294307839 (0xFF5E5E5E)
YUV	242.6180, 6.1043, 2.0890
Hunter-Lab	94.0029, -0.1142, -1.7493

Details

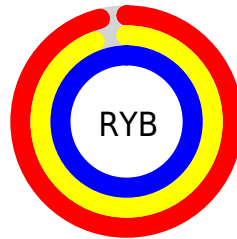
The XYZ color **86.5727, 88.3655, 107.1011** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **90.4091, 97.8928, 95.7959**, and the grayscale version is **84.8439, 89.2624, 97.2068**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **48.1128, 48.7630, 60.3025** is the 20% darker color. If you saturate the color by 10%, you get **74.3044, 71.7315, 104.5370**, and if you desaturate by 10%, it is **95.0500, 100.0000, 108.9000**.

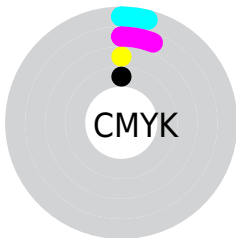
Distribution



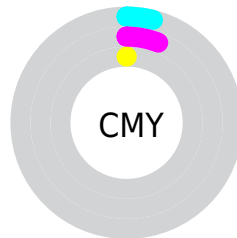
- Red (96%)
- Green (94%)
- Blue (100%)



- Red (96%)
- Yellow (94%)
- Blue (100%)



- Cyan (4%)
- Magenta (6%)
- Yellow (0%)
- Black (0%)





- Cyan (4%)
- Magenta (6%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 86.5727, 88.3655, 107.1011 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 86.5727, 88.3655, 107.1011 by changing the saturation by 10% instead.


 86.5727, 88.3655,
107.1011

 86.5727, 88.3655,
107.1011


505.2234,
522.6994, 604.1674

 65.4685, 66.6258,
81.5942


141.4711,
145.0659, 173.0187

 48.1072, 48.7806,
60.4973


175.9961,
180.7954, 214.2665

 34.1234, 34.4455,
43.3917

215.7253,
221.9570, 261.5983

 23.1517, 23.2360,
29.8589

261.0242,
268.9350, 315.4328

 14.8269, 14.7679,
19.4803

312.2581,
322.1138, 376.1884

 8.7835, 8.6566,
11.8376

369.7923,

 4.6562, 4.5179,

381.8779, 444.2837

6.5120

433.9923,
448.6117, 520.1372

■ 2.0797, 1.9673,
3.0850

■ 0.6781, 0.5884,
1.1382

■ 86.5727, 88.3655,
107.1011

■ 86.5727, 88.3655,
107.1011

■ 74.3044, 71.7315,
104.5370

95.0500, 100.0000,
108.9000

■ 63.5102, 57.3532,
102.3307

■ 54.1330, 45.1340,
100.4664

■ 46.1091, 34.9659,
98.9266

■ 39.3694, 26.7312,
97.6924

■ 33.8385, 20.3000,
96.7425

■ 29.4318, 15.5258,
96.0533

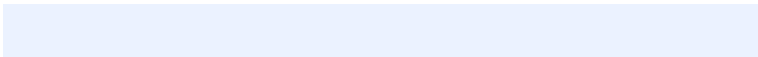
■ 26.0520, 12.2376,
95.5968

■ 23.5806, 10.2243,
95.3384

Harmonies

Analogous

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



84.3715, 88.3655, 109.5427



86.5727, 88.3655, 107.1011



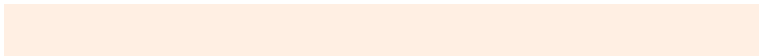
88.1024, 88.3655, 101.7479

Triad

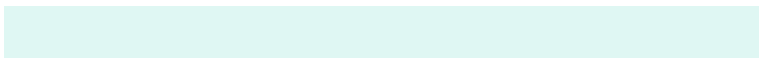
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



86.5727, 88.3655, 107.1011



85.8991, 88.3655, 85.0805



79.6131, 88.3655, 97.3135

Complementary

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



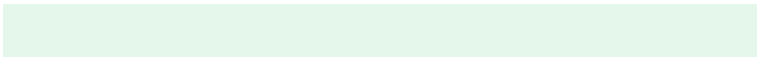
86.5727, 88.3655, 107.1011



90.4091, 97.8928, 95.7959

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.



80.0052, 88.3655, 90.8865



86.5727, 88.3655, 107.1011



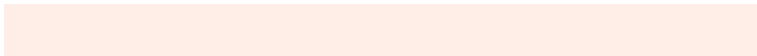
83.6072, 88.3655, 84.0147

Square

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



86.5727, 88.3655, 107.1011



87.7085, 88.3655, 89.0738



81.4567, 88.3655, 86.0928



80.3757, 88.3655, 103.7281

Rectangle

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



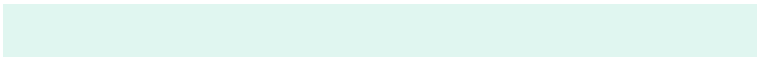
86.5727, 88.3655, 107.1011



88.5205, 88.3655, 97.3567



81.4567, 88.3655, 86.0928



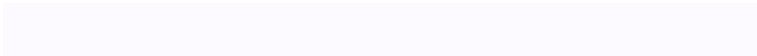
79.6144, 88.3655, 95.0822

Sweetspot

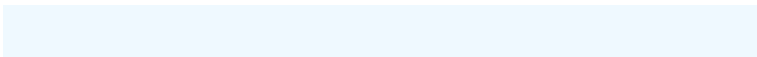
The Sweet Spot groups the original color and five complimentary colors.



86.5750, 88.3692, 107.1017



92.2814, 96.1894, 108.3104



87.5661, 93.4068, 108.0218



19.7811, 20.6284, 23.1891



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.



86.5750, 88.3692, 107.1017



84.3470, 85.3290, 106.6323



89.3779, 89.8141, 107.2329



17.6464, 17.7094, 22.7381



12.0816, 5.1387, 49.7897



1.2926, 0.5603, 4.8533

Inverse Universe

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



89.2077, 89.8362, 102.2641



87.6769, 87.1850, 100.4882



87.6637, 96.4775, 95.6674



18.4870, 18.1781, 21.1815



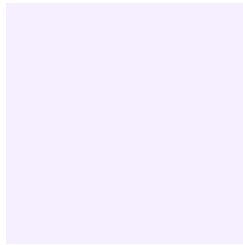
24.9118, 12.4540, 18.7179



2.4786, 1.2338, 2.1017

Previews

White Background



This preview shows how the XYZ color 86.5727, 88.3655, 107.1011 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 86.5727, 88.3655, 107.1011 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 86.5727, 88.3655, 107.1011

Background



This preview shows how black text looks on a background with the XYZ color 86.5727, 88.3655, 107.1011.



This preview shows how white text looks on a background with the XYZ color 86.5727, 88.3655,

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

86.5727, 88.3655, 107.1011

Protanopia

85.8280, 88.4174, 107.1504

Deuteranopia

88.9651, 88.3428, 105.2914



Tritanopia

86.5727, 88.3655, 107.1011

Trichromacy



Original Color

86.5727, 88.3655, 107.1011

Protanomaly

86.1722, 88.5949, 107.1665

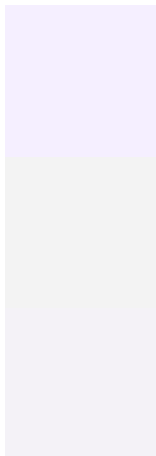
Deuteranomaly

87.9572, 88.2334, 106.1608

Tritanomaly

86.5727, 88.3655, 107.1011

Monochromacy



Original Color

86.5727, 88.3655, 107.1011

Achromatopsia

85.1904, 89.6269, 97.6037

Achromatomaly

85.8489, 89.4528, 100.7371

CSS Examples

Text

The CSS property to change the color of the text to XYZ 86.5727, 88.3655, 107.1011 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(245, 239, 255)` looks like.

```
.text, #text, p{  
    color:rgb(245, 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(245, 239, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 239, 255) }
```

Border

The CSS property to change the border of an element to XYZ 86.5727, 88.3655, 107.1011 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(245, 239, 255) }
```


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

```
.border{ border-color:rgb(245, 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(245, 239, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 239, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 239, 255);  
box-shadow:4px 4px 4px 4px rgb(245, 239,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 86.5727, 88.3655, 107.1011 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 239, 255) }
```

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

```
.background{ background-color: rgb(245,  
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](#).

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