

Converting Colors

XYZ(87.2908, 88.2167,
111.4904)

Have a look what the booklet for
XYZ(87.2908, 88.2167, 111.4904)
contains.

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Color

**XYZ(86.2807, 87.7815,
107.0038)**

Conversions

Conversions Part 1

Format	Color
Hex	F5EEFF
RGB	245, 238, 255
RGB Percent	96%, 93%, 100%
CMY	0.0392, 0.0666, 0.0000
CMYK	0.04, 0.07, 0.00, 0.00
HSL	265°, 100%, 97%
HSV	265°, 7%, 100%
XYZ	86.2807, 87.7815, 107.0038
YIQ	242.0310, -1.2850, 6.7710

Conversions

Conversions Part 2

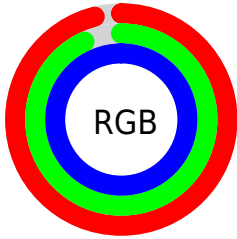
Format	Color
R _Y B	245, 238, 255
Decimal	16117503
CIE Lab	95.07, 5.38, -7.34
CIE LCh	95, 9.107, 306.246
Yxy	87.7815, 0.3070, 0.3123
Android (android.graphics.Color)	4294307583 (0xFF5EEFF)
YUV	242.0310, 6.3937, 2.6038
Hunter-Lab	93.6918, 0.4199, -2.1299

Details

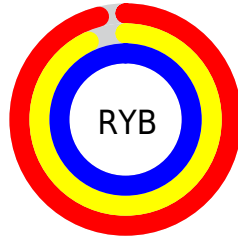
The XYZ color **86.2807, 87.7815, 107.0038** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **89.9062, 97.6505, 95.0031**, and the grayscale version is **84.3764, 88.7706, 96.6711**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.9073, 48.3519, 60.2340** is the 20% darker color. If you saturate the color by 10%, you get **74.3531, 71.3831, 104.4672**, and if you desaturate by 10%, it is **95.0500, 100.0000, 108.9000**.

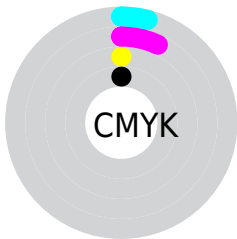
Distribution



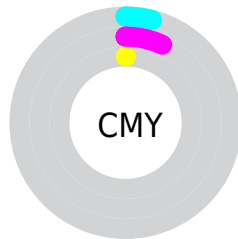
- Red (96%)
- Green (93%)
- Blue (100%)



- Red (96%)
- Yellow (93%)
- Blue (100%)



- Cyan (4%)
- Magenta (7%)
- Yellow (0%)
- Black (0%)



- Cyan (4%)
- Magenta (7%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 86.2807, 87.7815, 107.0038 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 86.2807, 87.7815, 107.0038 by changing the saturation by 10% instead.


 86.2807, 87.7815,
107.0038

 86.2807, 87.7815,
107.0038


504.2764,
520.7874, 603.8591

 65.2262, 66.1421,
81.5131


141.0659,
144.2529, 172.8847

 47.9099, 48.3878,
60.4308


175.5274,
179.8538, 214.1120

 33.9665, 34.1341,
43.3384


215.1885,
220.8772, 261.4219

 23.0306, 22.9966,
29.8173

260.4146,
267.7077, 315.2329

 14.7369, 14.5910,
19.4491

311.5711,
320.7295, 375.9635

 8.7201, 8.5329,
11.8152

369.0233,

 4.6147, 4.4378,

380.3272, 444.0324

6.4969

433.1366,
446.8850, 519.8581

■ 2.0554, 1.9213,
3.0759

■ 0.6648, 0.5612,
1.1335

■ 86.2807, 87.7815,
107.0038

■ 86.2807, 87.7815,
107.0038

■ 74.3531, 71.3831,
104.4672

95.0500, 100.0000,
108.9000

■ 63.8451, 57.2097,
102.2853

■ 54.7016, 45.1655,
100.4425

■ 46.8609, 35.1433,
98.9212

■ 40.2562, 27.0263,
97.7026

■ 34.8143, 20.6853,
96.7655

■ 30.4530, 15.9744,
96.0861

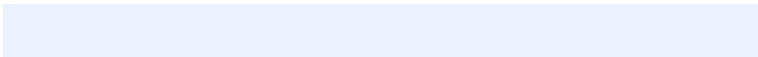
■ 27.0773, 12.7232,
95.6364

■ 24.5705, 10.7185,
95.3816

Harmonies

Analogous

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



83.9528, 87.7815, 109.7855



86.2807, 87.7815, 107.0038



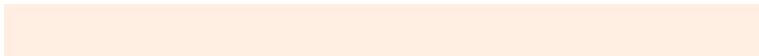
87.8681, 87.7815, 101.1778

Triad

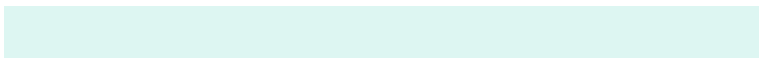
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



86.2807, 87.7815, 107.0038



85.3663, 87.7815, 83.6334



78.7895, 87.7815, 97.0705

Complementary

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



86.2807, 87.7815, 107.0038



89.9062, 97.6505, 95.0031

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.



79.1511, 87.7815, 90.1909



86.2807, 87.7815, 107.0038



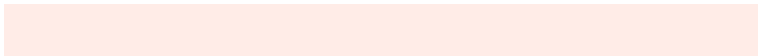
82.9167, 87.7815, 82.6545

Square

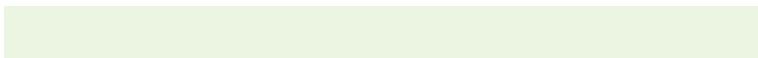
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



86.2807, 87.7815, 107.0038



87.3329, 87.7815, 87.7411



80.6500, 87.7815, 84.9981



79.6523, 87.7815, 103.8706

Rectangle

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



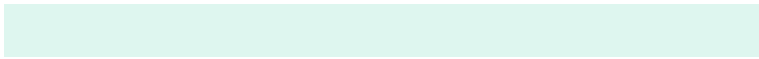
86.2807, 87.7815, 107.0038



88.2757, 87.7815, 96.4746



80.6500, 87.7815, 84.9981



78.7721, 87.7815, 94.6892

Sweetspot

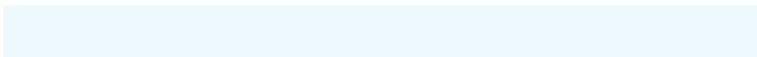
The Sweet Spot groups the original color and five complimentary colors.



86.2830, 87.7851, 107.0044



92.3493, 96.2244, 108.3136



86.9414, 92.6573, 107.9101



19.7949, 20.6356, 23.1897



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.



86.2830, 87.7851, 107.0044



84.6055, 85.4622, 106.6444



89.2437, 89.3114, 107.1429



17.7113, 17.7429, 22.7412



12.6338, 5.4235, 49.8155



1.3506, 0.5902, 4.8560

Inverse Universe

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



88.7600, 89.1899, 101.3472



87.5610, 87.1387, 99.8783



87.0286, 96.1671, 94.8684



18.4578, 18.1664, 21.0277



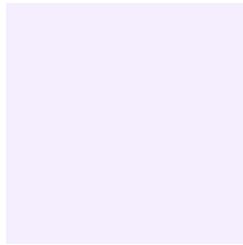
24.5023, 12.2902, 16.5613



2.4401, 1.2184, 1.8987

Previews

White Background



This preview shows how the XYZ color 86.2807, 87.7815, 107.0038 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 86.2807, 87.7815, 107.0038 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

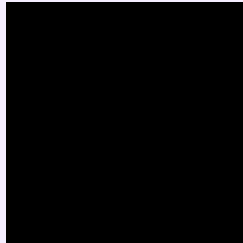
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 86.2807, 87.7815, 107.0038

Background



This preview shows how black text looks on a background with the XYZ color 86.2807, 87.7815, 107.0038.



This preview shows how white text looks on a background with the XYZ color 86.2807, 87.7815,

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

86.2807, 87.7815, 107.0038

Protanopia

85.1921, 87.6538, 107.0365

Deuteranopia

88.8377, 87.8324, 106.0370



Tritanopia

86.2807, 87.7815, 107.0038

Trichromacy



Original Color

86.2807, 87.7815, 107.0038

Protanomaly

85.5345, 87.8302, 107.0525

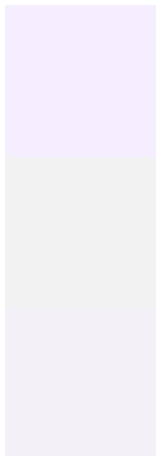
Deuteranomaly

87.6685, 87.6559, 106.0646

Tritanomaly

86.2807, 87.7815, 107.0038

Monochromacy



Original Color

86.2807, 87.7815, 107.0038

Achromatopsia

84.3971, 88.7923, 96.6948

Achromatomaly

85.2059, 88.6807, 100.6219

CSS Examples

Text

The CSS property to change the color of the text to XYZ 86.2807, 87.7815, 107.0038 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, 238, 255)` looks like.

```
.text, #text, p{  
    color:rgb(245, 238, 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, 238, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 238, 255) }
```

Border

The CSS property to change the border of an element to XYZ 86.2807, 87.7815, 107.0038 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, 238, 255) }
```


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

```
.border{ border-color:rgb(245, 238, 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, 238, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 238, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 238, 255);  
box-shadow:4px 4px 4px 4px rgb(245, 238,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 86.2807, 87.7815, 107.0038 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 238, 255) }
```

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

```
.background{ background-color: rgb(245,  
238, 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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