

Converting Colors

XYZ(87.4480, 96.0991,
107.7288)

Have a look what the booklet for
XYZ(87.4480, 96.0991, 107.7288)
contains.

| | |
|--|----|
| XYZ(87.5811, 96.1682, 107.7122) | 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(87.5811, 96.1682,
107.7122)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | EAFFFE |
| RGB | 234, 255, 254 |
| RGB Percent | 92%, 100%, 100% |
| CMY | 0.0823, 0.0000, 0.0039 |
| CMYK | 0.08, 0.00, 0.00, 0.00 |
| HSL | 177°, 100%, 96% |
| HSV | 177°, 8%, 100% |
| XYZ | 87.5811, 96.1682, 107.7122 |
| YIQ | 248.6070, -12.1950, -4.7630 |

Conversions

Conversions Part 2

| Format | Color |
|-------------------------------------|---|
| R _Y B | 234, 245, 255 |
| Decimal | 15400958 |
| CIE Lab | 98.50, -6.98, -1.87 |
| CIE LCh | 98, 7.226, 194.985 |
| Yxy | 96.1682, 0.3005, 0.3300 |
| Android (android.graphics.Color) | 4293591038 (0xFFEAF _{FF} E) |
| YUV | 248.6070, 2.6587, -12.8103 |
| Hunter-Lab | 98.0654, -12.1981, 3.5233 |

Details

The XYZ color **87.5811, 96.1682, 107.7122** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **85.6589, 86.1050, 90.7028**, and the grayscale version is **89.7057, 94.3774, 102.7769**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **48.6322, 53.8844, 60.6609** is the 20% darker color. If you saturate the color by 10%, you get **79.6099, 92.0812, 106.3303**, and if you desaturate by 10%, it is **95.0500, 100.0000, 108.9000**.

Distribution



- Red (92%)
- Green (100%)
- Blue (100%)



- Red (92%)
- Yellow (96%)
- Blue (100%)



- Cyan (8%)
- Magenta (0%)
- Yellow (0%)
- Black (0%)





- Cyan (8%)
- Magenta (0%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 87.5811, 96.1682, 107.7122 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 87.5811, 96.1682, 107.7122 by changing the saturation by 10% instead.


 87.5811, 96.1682,
107.7122

 87.5811, 96.1682,
107.7122


508.4864,
547.8981, 606.1023

 66.3058, 73.1077,
82.1041

142.8693,
155.8775, 173.8598

 48.7893, 54.0640,
60.9150


177.6130,
193.2951, 215.2364

 34.6662, 38.6528,
43.7265


217.5769,
236.2671, 262.7061

 23.5712, 26.4898,
30.1199

263.1263,
285.1780, 316.6877

 15.1389, 17.1904,
19.6768

314.6266,
340.4122, 377.5995

 9.0038, 10.3703,
11.9786

372.4431,

 4.8008, 5.6452,

402.3540, 445.8602

6.6067

436.9413,
471.3878, 521.8883

■ 2.1644, 2.6306,
3.1427

■ 0.7239, 0.9420,
1.1680

■ 87.5811, 96.1682,
107.7122

■ 87.5811, 96.1682,
107.7122

■ 79.6099, 92.0812,
106.3303

95.0500, 100.0000,
108.9000

■ 72.7927, 88.5890,
105.0073

■ 67.0754, 85.6637,
103.7422

■ 62.3987, 83.2748,
102.5322

■ 58.6977, 81.3886,
101.3742

■ 55.9001, 79.9680,
100.2649

■ 53.9235, 78.9706,
99.2003

■ 52.6707, 78.3461,
98.1759

■ 52.0078, 78.0256,
97.1855

Harmonies

Analogous

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



87.5816, 96.1682, 101.7600



87.5811, 96.1682, 107.7122



88.5945, 96.1682, 113.0517

Triad

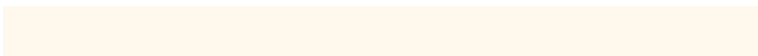
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



87.5811, 96.1682, 107.7122



94.2728, 96.1682, 113.0562



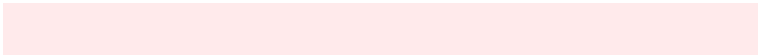
92.4491, 96.1682, 93.9927

Complementary

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



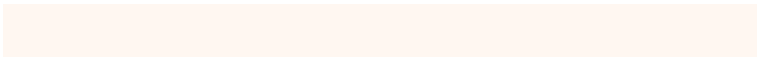
87.5811, 96.1682, 107.7122



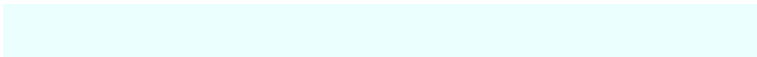
85.6589, 86.1050, 90.7028

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.



94.2743, 96.1682, 96.7907



87.5811, 96.1682, 107.7122



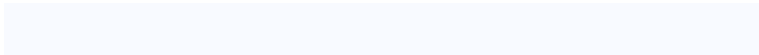
95.3380, 96.1682, 107.7182

Square

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



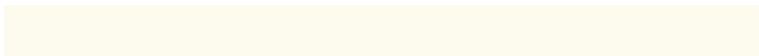
87.5811, 96.1682, 107.7122



92.4471, 96.1682, 116.2159



95.3386, 96.1682, 101.7657



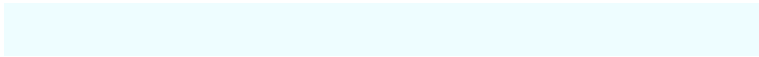
90.3708, 96.1682, 93.9913

Rectangle

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



87.5811, 96.1682, 107.7122



89.7177, 96.1682, 115.4804



95.3386, 96.1682, 101.7657



93.1133, 96.1682, 94.6325

Sweetspot

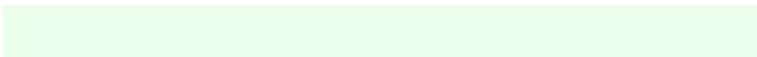
The Sweet Spot groups the original color and five complimentary colors.



87.5820, 96.1687, 107.7137



93.1595, 99.0299, 108.6079



84.8897, 95.1317, 91.7316



19.9598, 21.2066, 23.2496



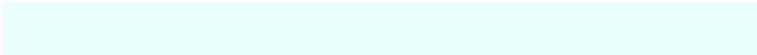
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

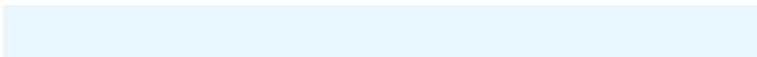
The Same Dimension uses a secret algorithm to generate beautiful new colors.



87.5820, 96.1687, 107.7137



86.0883, 95.4025, 107.4650



84.8017, 90.3515, 107.5778



18.5154, 20.4657, 23.0168



27.1452, 40.7547, 50.7772



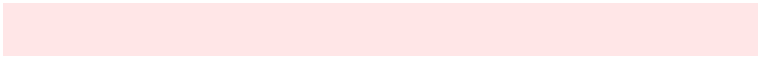
2.6541, 3.9726, 5.0022

Inverse Universe

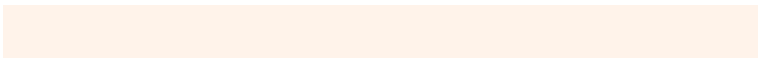
The Inverse Universe completely reimagines the original color for something new.



85.6589, 86.1050, 90.7028



83.7811, 83.3290, 87.0568



88.2774, 91.5722, 90.8660



18.0444, 18.0011, 18.8508



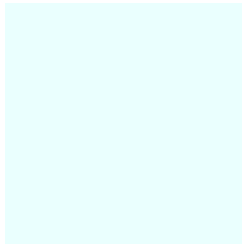
21.5986, 11.1287, 1.2708



2.1147, 1.0883, 0.1856

Previews

White Background



This preview shows how the XYZ color 87.5811, 96.1682, 107.7122 looks on a white background.

Color Contrast Check

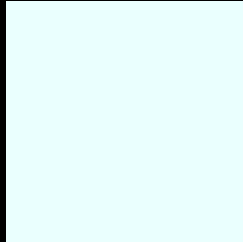
Large Text (above 18pt) WCAG AA × Fail

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 87.5811, 96.1682, 107.7122 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

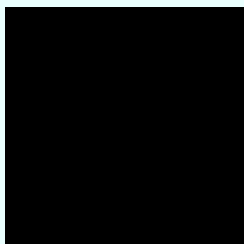
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 87.5811, 96.1682, 107.7122

Background



This preview shows how black text looks on a background with the XYZ color 87.5811, 96.1682, 107.7122.

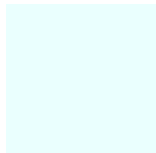


This preview shows how white text looks on a background with the XYZ color 87.5811, 96.1682,

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

87.5811, 96.1682, 107.7122

Protanopia

92.5283, 95.9764, 104.9153

Deuteranopia

92.6864, 96.0396, 105.7479

Tritanopia

91.2586, 96.1708, 108.3607

Trichromacy



Original Color

87.5811, 96.1682, 107.7122

Protanomaly

90.4256, 95.7968, 105.8201

Deuteranomaly

90.5846, 95.8604, 106.6571

Tritanomaly

89.8226, 95.8955, 108.3833

Monochromacy



Original Color

87.5811, 96.1682, 107.7122

Achromatopsia

90.0415, 94.7307, 103.1617

Achromatomaly

89.2180, 95.1925, 104.9385

CSS Examples

Text

The CSS property to change the color of the text to XYZ 87.5811, 96.1682, 107.7122 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(234, 255, 254)` looks like.

```
.text, #text, p{  
    color:rgb(234, 255, 254)  
}
```

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(234, 255, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 255, 254) }
```

Border

The CSS property to change the border of an element to XYZ 87.5811, 96.1682, 107.7122 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(234, 255, 254) }
```


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

```
.border{ border-color:rgb(234, 255, 254) }
```

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

Here you see how a box with a 4 pixel rgb(234, 255, 254) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 255, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 255, 254);  
box-shadow:4px 4px 4px 4px rgb(234, 255,  
254) }
```

Background

The CSS property to change the background color of an element to XYZ 87.5811, 96.1682, 107.7122 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 255, 254) }
```

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

```
.background{ background-color: rgb(234,  
255, 254) }
```

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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