

Converting Colors

XYZ(89.1195, 96.9586,
107.9057)

Have a look what the booklet for
XYZ(89.1195, 96.9586, 107.9057)
contains.

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Color

**XYZ(89.2460, 97.0265,
107.7901)**

Conversions

Conversions Part 1

Format	Color
Hex	EFFFFE
RGB	239, 255, 254
RGB Percent	94%, 100%, 100%
CMY	0.0627, 0.0000, 0.0039
CMYK	0.06, 0.00, 0.00, 0.00
HSL	176°, 100%, 97%
HSV	176°, 6%, 100%
XYZ	89.2460, 97.0265, 107.7901
YIQ	250.1020, -9.2150, -3.7030

Conversions

Conversions Part 2

Format	Color
R_{YB}	239, 247, 255
Decimal	15728638
CIE _{Lab}	98.84, -5.38, -1.33
CIE _{LCh}	99, 5.543, 193.893
Yxy	97.0265, 0.3035, 0.3300
Android (android.graphics.Color)	4293918718 (0xFFEFFFFE)
YUV	250.1020, 1.9217, -9.7365
Hunter-Lab	98.5020, -10.6518, 4.0708

Details

The XYZ color 89.2460, 97.0265, 107.7901 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 87.8353, 89.2854, 95.0426, and the grayscale version is 90.9403, 95.6762, 104.1914.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 49.8006, 54.4867, 60.7155 is the 20% darker color. If you saturate the color by 10%, you get 80.9822, 92.7956, 106.0800, and if you desaturate by 10%, it is 95.0500, 100.0000, 108.9000.

Distribution



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



- Red (94%)
- Yellow (97%)
- Blue (100%)



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





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

Brightness & Saturation Gradients


These gradients show how the XYZ color 89.2460, 97.0265, 107.7901 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 89.2460, 97.0265, 107.7901 by changing the saturation by 10% instead.


 89.2460, 97.0265,
107.7901

 89.2460, 97.0265,
107.7901


513.8496,
550.6325, 606.3488

 67.6897, 73.8228,
82.1691


145.1743,
157.0613, 173.9670

 49.9181, 54.6490,
60.9683


180.2770,
194.6613, 215.3599

 35.5658, 39.1208,
43.7692


220.6258,
237.8287, 262.8473

 24.2676, 26.8537,
30.1532

266.5861,
286.9480, 316.8476

 15.6581, 17.4634,
19.7019

318.5233,
342.4037, 377.7793

 9.3718, 10.5654,
11.9966

376.8027,

 5.0435, 5.7754,

404.5800, 446.0611

6.6189

441.7897,
473.8615, 522.1114

■ 2.3079, 2.7090,
3.1501

■ 0.7987, 0.9818,
1.1718

■ 89.2460, 97.0265,
107.7901

■ 89.2460, 97.0265,
107.7901

■ 80.9822, 92.7956,
106.0800

95.0500, 100.0000,
108.9000

■ 73.8836, 89.1653,
104.4340

■ 67.8970, 86.1079,
102.8511

■ 62.9638, 83.5933,
101.3284

■ 59.0205, 81.5888,
99.8630

■ 55.9962, 80.0578,
98.4516

■ 53.8110, 78.9592,
97.0903

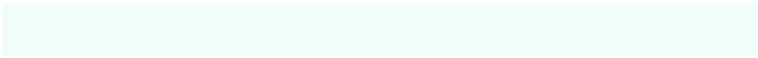
■ 52.3711, 78.2445,
95.7748

■ 51.5597, 77.8536,
94.4995

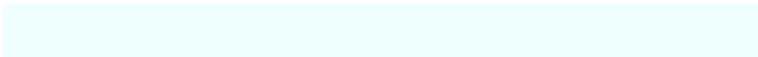
Harmonies

Analogous

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



89.2763, 97.0265, 103.2030



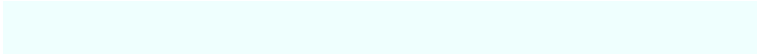
89.2460, 97.0265, 107.7901



90.0062, 97.0265, 111.9169

Triad

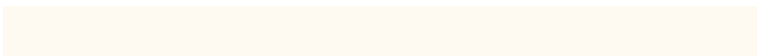
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



89.2460, 97.0265, 107.7901



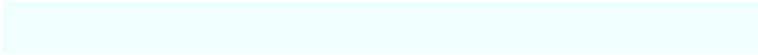
94.3854, 97.0265, 112.1689



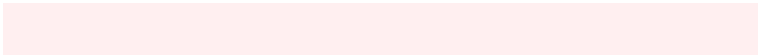
93.0829, 97.0265, 97.3485

Complementary

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



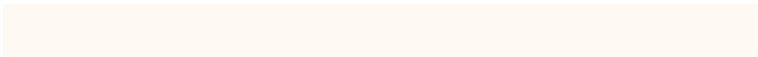
89.2460, 97.0265, 107.7901



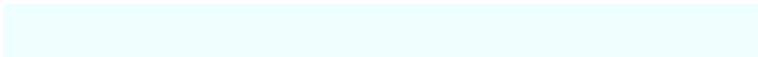
87.8353, 89.2854, 95.0426

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.



94.4713, 97.0265, 99.6126



89.2460, 97.0265, 107.7901



95.2293, 97.0265, 108.1260

Square

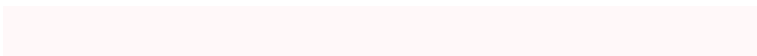
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



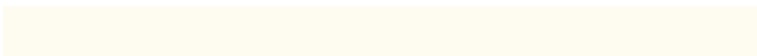
89.2460, 97.0265, 107.7901



92.9666, 97.0265, 114.4944



95.2609, 97.0265, 103.5293



91.4789, 97.0265, 97.2645

Rectangle

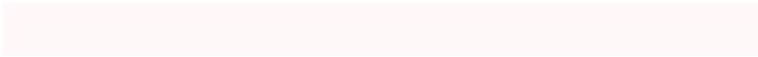
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



89.2460, 97.0265, 107.7901



90.8642, 97.0265, 113.8145



95.2609, 97.0265, 103.5293



93.5908, 97.0265, 97.8768

Sweetspot

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



89.2469, 97.0269, 107.7916



93.1473, 99.0250, 108.5437



87.2987, 96.2894, 95.6474



19.9573, 21.2056, 23.2366



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

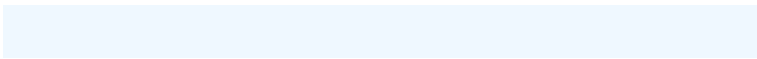
The Same Dimension uses a secret algorithm to generate beautiful new colors.



89.2469, 97.0269, 107.7916



87.7347, 96.2524, 107.4914



87.2354, 92.7474, 107.9120



18.5030, 20.4607, 22.9519



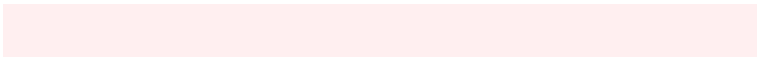
26.8541, 40.6382, 49.2441



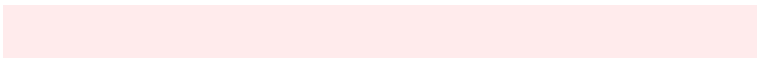
2.6289, 3.9625, 4.8697

Inverse Universe

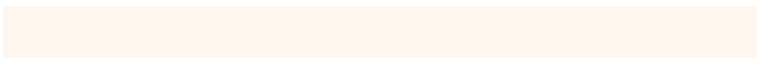
The Inverse Universe completely reimagines the original color for something new.



87.8353, 89.2854, 95.0426



85.9558, 86.4966, 91.4253



89.7561, 93.3638, 94.9532



18.0553, 18.0054, 18.9085



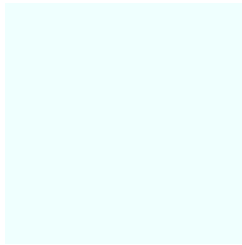
21.6147, 11.1352, 1.3558



2.1199, 1.0903, 0.2130

Previews

White Background



This preview shows how the XYZ color 89.2460, 97.0265, 107.7901 looks on a white background.

Color Contrast Check

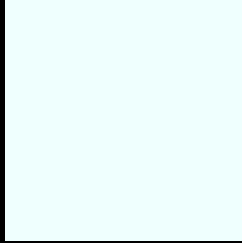
Large Text (above 18pt) WCAG AA × Fail

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 89.2460, 97.0265, 107.7901 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

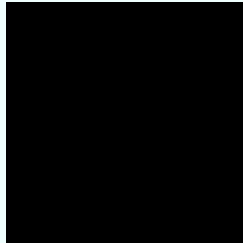
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 89.2460, 97.0265, 107.7901

Background



This preview shows how black text looks on a background with the XYZ color 89.2460, 97.0265, 107.7901.

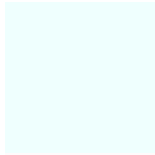


This preview shows how white text looks on a background with the XYZ color 89.2460, 97.0265,

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

89.2460, 97.0265, 107.7901

Protanopia

92.8382, 96.5962, 105.0186

Deuteranopia

92.9963, 96.6595, 105.8512

Tritanopia

92.2847, 97.1648, 108.4985

Trichromacy



Original Color

89.2460, 97.0265, 107.7901

Protanomaly

91.4480, 96.7888, 105.9577

Deuteranomaly

91.6069, 96.8524, 106.7947

Tritanomaly

91.1813, 97.0634, 108.5371

Monochromacy



Original Color

89.2460, 97.0265, 107.7901

Achromatopsia

90.8653, 95.5973, 104.1055

Achromatomaly

90.2290, 96.1787, 105.0755

CSS Examples

Text

The CSS property to change the color of the text to XYZ 89.2460, 97.0265, 107.7901 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(239, 255, 254)` looks like.

```
.text, #text, p{  
    color:rgb(239, 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(239, 255, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 255, 254) }
```

Border

The CSS property to change the border of an element to XYZ 89.2460, 97.0265, 107.7901 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(239, 255, 254) }
```


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

```
.border{ border-color:rgb(239, 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(239, 255, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 255, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 255, 254);  
box-shadow:4px 4px 4px 4px rgb(239, 255,  
254) }
```

Background

The CSS property to change the background color of an element to XYZ 89.2460, 97.0265, 107.7901 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 255, 254) }
```

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

```
.background{ background-color: rgb(239,  
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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