

Converting Colors

XYZ(89.5119, 97.1608,
107.9250)

Have a look what the booklet for
XYZ(89.5119, 97.1608, 107.9250)
contains.

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Color

**XYZ(89.5846, 97.2010,
107.8060)**

Conversions

Conversions Part 1

Format	Color
Hex	F0FFFE
RGB	240, 255, 254
RGB Percent	94%, 100%, 100%
CMY	0.0588, 0.0000, 0.0039
CMYK	0.06, 0.00, 0.00, 0.00
HSL	176°, 100%, 97%
HSV	176°, 6%, 100%
XYZ	89.5846, 97.2010, 107.8060
YIQ	250.4010, -8.6190, -3.4910

Conversions

Conversions Part 2

Format	Color
R_{YB}	240, 248, 255
Decimal	15794174
CIE _{Lab}	98.91, -5.06, -1.22
CIE _{LCh}	99, 5.204, 193.581
Yxy	97.2010, 0.3041, 0.3300
Android (android.graphics.Color)	4293984254 (0xFFFF0FFFE)
YUV	250.4010, 1.7743, -9.1217
Hunter-Lab	98.5906, -10.3390, 4.1815

Details

The XYZ color 89.5846, 97.2010, 107.8060 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 88.2779, 89.9323, 95.9252, and the grayscale version is 91.1884, 95.9373, 104.4757.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 50.0393, 54.6097, 60.7267 is the 20% darker color. If you saturate the color by 10%, you get 81.2573, 92.9394, 106.0051, 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 89.5846, 97.2010, 107.8060 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 89.5846, 97.2010, 107.8060 by changing the saturation by 10% instead.


 89.5846, 97.2010,
107.8060

 89.5846, 97.2010,
107.8060


514.9367,
551.1875, 606.3991

 67.9713, 73.9682,
82.1823


145.6425,
157.3019, 173.9889

 50.1480, 54.7680,
60.9792


180.8179,
194.9388, 215.3852

 35.7493, 39.2160,
43.7779


221.2446,
238.1459, 262.8761

 24.4098, 26.9278,
30.1600

267.2881,
287.3075, 316.8802

 15.7643, 17.5190,
19.7070

319.3137,
342.8081, 377.8160

 9.4473, 10.6052,
12.0003

377.6868,

 5.0935, 5.8021,

405.0320, 446.1020

6.6213

442.7727,
474.3637, 522.1569

■ 2.3376, 2.7251,
3.1516

■ 0.8138, 0.9900,
1.1726

■ 89.5846, 97.2010,
107.8060

■ 89.5846, 97.2010,
107.8060

■ 81.2573, 92.9394,
106.0051

95.0500, 100.0000,
108.9000

■ 74.0975, 89.2794,
104.2700

■ 68.0522, 86.1936,
102.5994

■ 63.0630, 83.6520,
100.9908

■ 59.0665, 81.6219,
99.4412

■ 55.9923, 80.0670,
97.9470

■ 53.7608, 78.9462,
96.5048

■ 52.2789, 78.2116,
95.1099

■ 51.4312, 77.8037,
93.7571

Harmonies

Analogous

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



89.6212, 97.2010, 103.4953



89.5846, 97.2010, 107.8060



90.2930, 97.2010, 111.6899

Triad

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



89.5846, 97.2010, 107.8060



94.4089, 97.2010, 111.9930



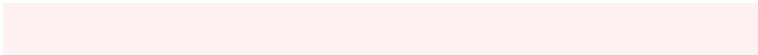
93.2123, 97.2010, 98.0348

Complementary

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



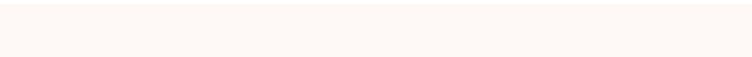
89.5846, 97.2010, 107.8060



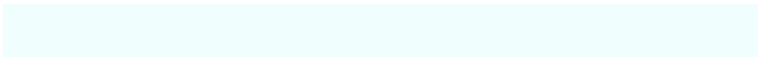
88.2779, 89.9323, 95.9252

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.



94.5124, 97.2010, 100.1891



89.5846, 97.2010, 107.8060



95.2084, 97.2010, 108.2104

Square

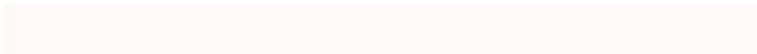
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



89.5846, 97.2010, 107.8060



93.0722, 97.2010, 114.1515



95.2465, 97.2010, 103.8889



91.7045, 97.2010, 97.9333

Rectangle

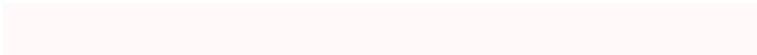
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



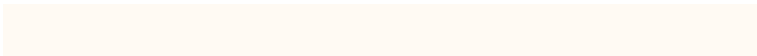
89.5846, 97.2010, 107.8060



91.0969, 97.2010, 113.4820



95.2465, 97.2010, 103.8889



93.6885, 97.2010, 98.5402

Sweetspot

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



89.5856, 97.2015, 107.8075



93.1439, 99.0237, 108.5258



87.7648, 96.5125, 96.4428



19.9566, 21.2054, 23.2329



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

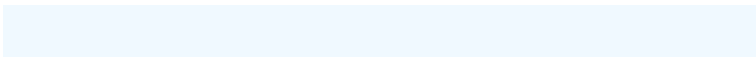
The Same Dimension uses a secret algorithm to generate beautiful new colors.



89.5856, 97.2015, 107.8075



88.5944, 96.6941, 107.6025



87.7075, 93.1888, 107.9723



18.8497, 20.6386, 23.0078



26.7737, 40.6061, 48.8210



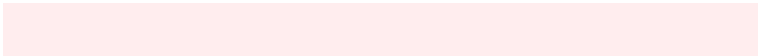
2.6220, 3.9597, 4.8331

Inverse Universe

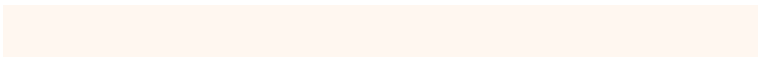
The Inverse Universe completely reimagines the original color for something new.



88.2779, 89.9323, 95.9252



87.0500, 88.1082, 93.5681



90.0769, 93.7682, 95.7912



18.4921, 18.6506, 19.7582



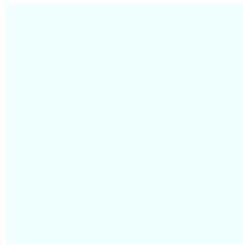
21.6197, 11.1372, 1.3819



2.1214, 1.0909, 0.2206

Previews

White Background



This preview shows how the XYZ color 89.5846, 97.2010, 107.8060 looks on a white background.

Color Contrast Check

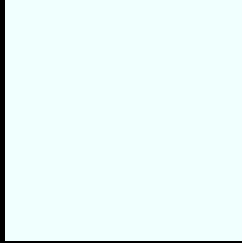
Large Text (above 18pt) WCAG AA × Fail

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 89.5846, 97.2010, 107.8060 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

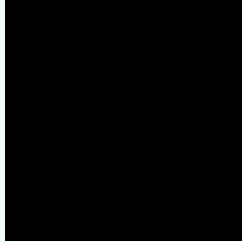
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 89.5846, 97.2010, 107.8060

Background



This preview shows how black text looks on a background with the XYZ color 89.5846, 97.2010, 107.8060.

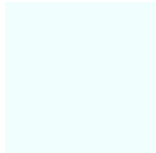


This preview shows how white text looks on a background with the XYZ color 89.5846, 97.2010,

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

89.5846, 97.2010, 107.8060



Protanopia

93.1498, 97.2194, 105.1225

Deuteranopia

93.3079, 97.2826, 105.9550

Tritanopia

92.2847, 97.1648, 108.4985

Trichromacy



Original Color

89.5846, 97.2010, 107.8060

Protanomaly

91.8054, 96.9731, 105.9745

Deuteranomaly

91.9644, 97.0366, 106.8114

Tritanomaly

91.1813, 97.0634, 108.5371

Monochromacy



Original Color

89.5846, 97.2010, 107.8060

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 89.5846, 97.2010, 107.8060 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(240, 255, 254)` looks like.

```
.text, #text, p{  
    color:rgb(240, 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(240, 255, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 255, 254) }
```

Border

The CSS property to change the border of an element to XYZ 89.5846, 97.2010, 107.8060 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(240, 255, 254) }
```


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

```
.border{ border-color:rgb(240, 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(240, 255, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 255, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 255, 254);  
box-shadow:4px 4px 4px 4px rgb(240, 255,  
254) }
```

Background

The CSS property to change the background color of an element to XYZ 89.5846, 97.2010, 107.8060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 255, 254) }
```

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

```
.background{ background-color: rgb(240,  
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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