

Converting Colors

XYZ(88.9234, 96.9248,
104.8552)

Have a look what the booklet for
XYZ(88.9234, 96.9248, 104.8552)
contains.

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Color

**XYZ(88.9505, 96.9474,
104.4670)**

Conversions

Conversions Part 1

Format	Color
Hex	F0FFFA
RGB	240, 255, 250
RGB Percent	94%, 100%, 98%
CMY	0.0588, 0.0000, 0.0196
CMYK	0.06, 0.00, 0.02, 0.00
HSL	160°, 100%, 97%
HSV	160°, 6%, 100%
XYZ	88.9505, 96.9474, 104.4670
YIQ	249.9450, -7.3350, -4.7350

Conversions

Conversions Part 2

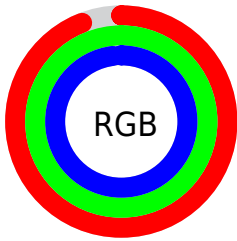
Format	Color
R_{YB}	240, 249, 255
Decimal	15794170
CIE _{Lab}	98.81, -5.79, 0.69
CIE _{LCh}	99, 5.827, 173.249
Y _{xy}	96.9474, 0.3063, 0.3339
Android (android.graphics.Color)	4293984250 (0xFF0FFFA)
Y _{UV}	249.9450, 0.0271, -8.7218
Hunter-Lab	98.4619, -11.0513, 6.0172

Details

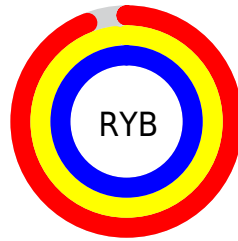
The XYZ color 88.9505, 96.9474, 104.4670 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 88.8821, 90.1738, 99.1069, and the grayscale version is 90.8246, 95.5545, 104.0589.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 49.6989, 54.4736, 58.9340 is the 20% darker color. If you saturate the color by 10%, you get 79.5908, 92.2728, 97.2297, and if you desaturate by 10%, it is 95.0500, 100.0000, 108.9000.

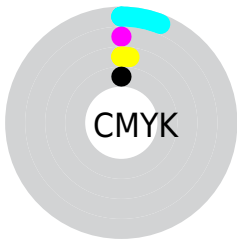
Distribution



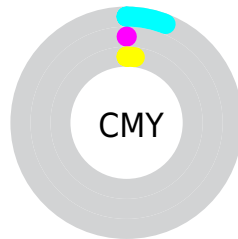
- Red (94%)
- Green (100%)
- Blue (98%)



- Red (94%)
- Yellow (98%)
- Blue (100%)



- Cyan (6%)
- Magenta (0%)
- Yellow (2%)
- Black (0%)



- Cyan (6%)
- Magenta (0%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 88.9505, 96.9474, 104.4670 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 88.9505, 96.9474, 104.4670 by changing the saturation by 10% instead.

88.9505, 96.9474,
104.4670

88.9505, 96.9474,
104.4670

512.8999,
550.3808, 595.7899

67.4439, 73.7569,
79.3987

144.7655,
156.9523, 169.3877

49.7175, 54.5951,
58.7004

179.8046,
194.5354, 210.0771

35.4059, 39.0776,
41.9536

220.0854,
237.6849, 256.8107

24.1437, 26.8201,
28.7397

265.9730,
286.7850, 310.0070

15.5655, 17.4382,
18.6401

317.8329,
342.2203, 370.0845

9.3061, 10.5474,
11.2363

376.0304,

5.0001, 5.7634,

404.3751, 437.4618

6.1099

440.9310,
473.6338, 512.5574

■ 2.2821, 2.7017,
2.8421

■ 0.7855, 0.9781,
1.0146

■ 88.9505, 96.9474,
104.4670

■ 88.9505, 96.9474,
104.4670

■ 79.5908, 92.2728,
97.2297

95.0500, 100.0000,
108.9000

■ 71.4555, 88.2226,
90.3577

■ 64.4908, 84.7690,
83.8457

■ 58.6375, 81.8818,
77.6867

■ 53.8313, 79.5278,
71.8733

■ 50.0011, 77.6705,
66.3979

■ 47.0663, 76.2684,
61.2520

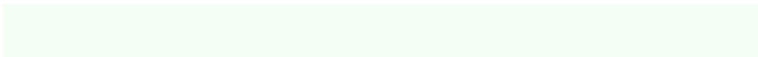
■ 44.9330, 75.2732,
56.4267

■ 43.4848, 74.6251,
51.9117

Harmonies

Analogous

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



89.5618, 96.9474, 100.0786



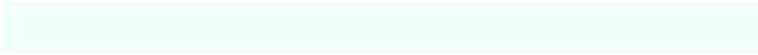
88.9505, 96.9474, 104.4670



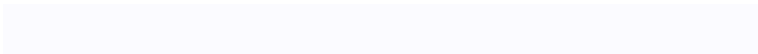
89.1868, 96.9474, 109.2822

Triad

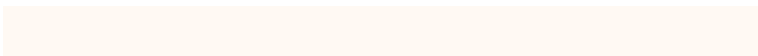
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



88.9505, 96.9474, 104.4670



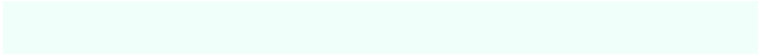
93.4365, 96.9474, 114.3590



94.1072, 96.9474, 98.2641

Complementary

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



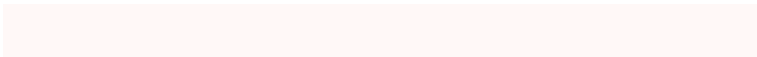
88.9505, 96.9474, 104.4670



88.8821, 90.1738, 99.1069

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.



95.1691, 96.9474, 101.9218



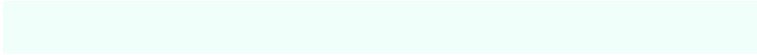
88.9505, 96.9474, 104.4670



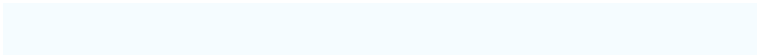
94.7786, 96.9474, 111.2364

Square

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



88.9505, 96.9474, 104.4670



91.7634, 96.9474, 115.0909



95.4163, 96.9474, 106.6591



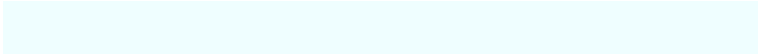
92.5288, 96.9474, 96.5689

Rectangle

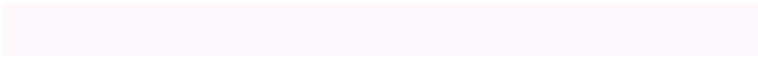
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



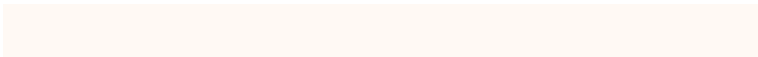
88.9505, 96.9474, 104.4670



89.7947, 96.9474, 112.0768



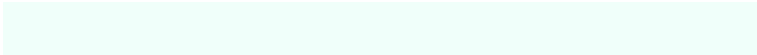
95.4163, 96.9474, 106.6591



94.5371, 96.9474, 99.2994

Sweetspot

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



88.9514, 96.9478, 104.4685



92.9260, 98.9365, 107.3785



89.1451, 97.2241, 96.5072



19.9123, 21.1876, 22.9995



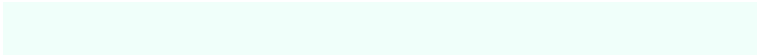
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



88.9514, 96.9478, 104.4685



87.8421, 96.3931, 103.6405



88.9535, 95.6810, 108.3877



18.6751, 20.5687, 22.0881



22.5498, 38.9165, 26.5783



2.2463, 3.8095, 2.8551

Inverse Universe

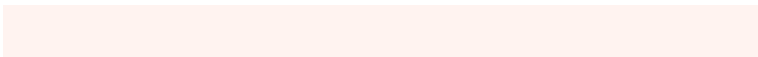
The Inverse Universe completely reimagines the original color for something new.



88.8821, 90.1738, 99.1069



87.7602, 88.3923, 97.3081



88.8701, 91.3546, 95.3887



18.6561, 18.7162, 20.6219



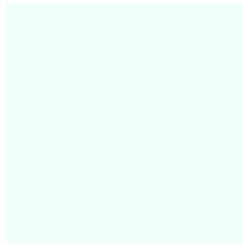
22.4667, 11.4760, 5.8420



2.2358, 1.1367, 0.8230

Previews

White Background



This preview shows how the XYZ color 88.9505, 96.9474, 104.4670 looks on a white background.

Color Contrast Check

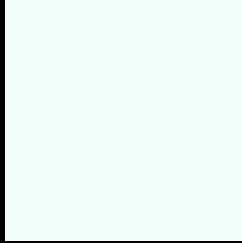
Large Text (above 18pt) WCAG AA × Fail

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 88.9505, 96.9474, 104.4670 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

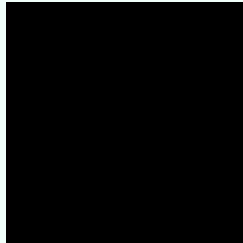
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 88.9505, 96.9474, 104.4670

Background



This preview shows how black text looks on a background with the XYZ color 88.9505, 96.9474, 104.4670.



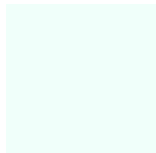
This preview shows how white text looks on a background with the XYZ color 88.9505, 96.9474,

104.670.

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

88.9505, 96.9474, 104.4670



Protanopia

92.8361, 97.0939, 103.4705

Deuteranopia

92.9963, 96.6595, 105.8512

Tritanopia

91.9715, 96.5384, 108.3941

Trichromacy



Original Color

88.9505, 96.9474, 104.4670

Protanomaly

91.3336, 96.7844, 103.4900

Deuteranomaly

91.6473, 96.9098, 105.1419

Tritanomaly

90.5461, 96.3055, 106.7450

Monochromacy



Original Color

88.9505, 96.9474, 104.4670

Achromatopsia

90.8653, 95.5973, 104.1055

Achromatomaly

90.0718, 96.1158, 104.2474

CSS Examples

Text

The CSS property to change the color of the text to XYZ 88.9505, 96.9474, 104.4670 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, 250)` looks like.

```
.text, #text, p{  
    color:rgb(240, 255, 250)  
}
```

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, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 255, 250) }
```

Border

The CSS property to change the border of an element to XYZ 88.9505, 96.9474, 104.4670 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, 250) }
```


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

```
.border{ border-color:rgb(240, 255, 250) }
```

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, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 255, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 255, 250);  
box-shadow:4px 4px 4px 4px rgb(240, 255,  
250) }
```

Background

The CSS property to change the background color of an element to XYZ 88.9505, 96.9474, 104.4670 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, 250) }
```

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

```
.background{ background-color: rgb(240,  
255, 250) }
```

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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