

Converting Colors

XYZ(89.8341, 96.6614,
108.6504)

Have a look what the booklet for
XYZ(89.8341, 96.6614, 108.6504)
contains.

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Color

**XYZ(89.7674, 96.8044,
108.5616)**

Conversions

Conversions Part 1

Format	Color
Hex	F1FEFF
RGB	241, 254, 255
RGB Percent	95%, 100%, 100%
CMY	0.0549, 0.0039, 0.0000
CMYK	0.05, 0.00, 0.00, 0.00
HSL	184°, 100%, 97%
HSV	184°, 5%, 100%
XYZ	89.7674, 96.8044, 108.5616
YIQ	250.2270, -8.0690, -2.4450

Conversions

Conversions Part 2

Format	Color
R_{YB}	241, 248, 255
Decimal	15859455
CIE _{Lab}	98.75, -4.05, -1.96
CIE _{LCh}	99, 4.499, 205.779
Yxy	96.8044, 0.3042, 0.3280
Android (android.graphics.Color)	4294049535 (0xFFFF1FEFF)
YUV	250.2270, 2.3531, -8.0921
Hunter-Lab	98.3892, -9.3231, 3.4525

Details

The XYZ color 89.7674, 96.8044, 108.5616 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 88.8684, 91.1128, 96.1231, and the grayscale version is 91.0421, 95.7834, 104.3081.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 50.1669, 54.3240, 61.2676 is the 20% darker color. If you saturate the color by 10%, you get 81.0935, 91.4863, 107.9923, and if you desaturate by 10%, it is 95.0500, 100.0000, 108.9000.

Distribution



- Red (95%)
- Green (100%)
- Blue (100%)



- Red (95%)
- Yellow (97%)
- Blue (100%)



- Cyan (5%)
- Magenta (0%)
- Yellow (0%)
- Black (0%)





- Cyan (5%)
- Magenta (0%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 89.7674, 96.8044, 108.5616 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 89.7674, 96.8044, 108.5616 by changing the saturation by 10% instead.


 89.7674, 96.8044,
108.5616

 89.7674, 96.8044,
108.5616


515.5231,
549.9256, 608.7865

 68.1234, 73.6377,
82.8130


145.8953,
156.7551, 175.0281

 50.2722, 54.4976,
61.4962


181.1098,
194.3079, 216.5832

 35.8484, 38.9996,
44.1926


221.5786,
237.4248, 264.2441

 24.4867, 26.7594,
30.4836

267.6669,
286.4903, 318.4296

 15.8217, 17.3926,
19.9508

319.7402,
341.8887, 379.5579

 9.4881, 10.5148,
12.1756

378.1637,

 5.1206, 5.7416,

404.0045, 448.0479

6.7394

443.3029,
473.2220, 524.3179

■ 2.3537, 2.6886,
3.2237

■ 0.8219, 0.9714,
1.2100

■ 89.7674, 96.8044,
108.5616

■ 89.7674, 96.8044,
108.5616

■ 81.0935, 91.4863,
107.9923

95.0500, 100.0000,
108.9000

■ 73.5906, 86.7773,
107.4788

■ 67.2073, 82.6534,
107.0193

■ 61.8856, 79.0849,
106.6109

■ 57.5622, 76.0389,
106.2509

■ 54.1670, 73.4794,
105.9358

■ 51.6208, 71.3656,
105.6620

■ 49.8312, 69.6496,
105.4251

■ 48.6838, 68.2727,
105.2198

Harmonies

Analogous

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



89.5285, 96.8044, 104.8752



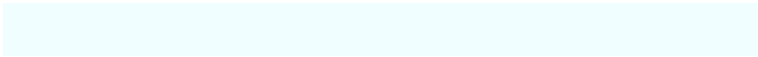
89.7674, 96.8044, 108.5616



90.6050, 96.8044, 111.4614

Triad

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



89.7674, 96.8044, 108.5616



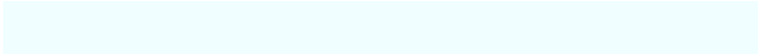
94.1013, 96.8044, 109.4991



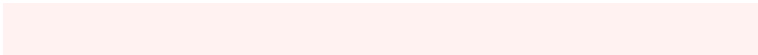
92.1946, 96.8044, 98.3942

Complementary

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



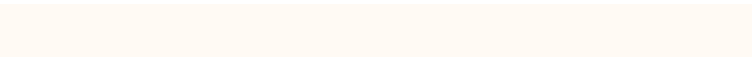
89.7674, 96.8044, 108.5616



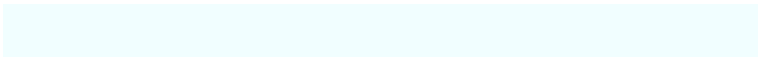
88.8684, 91.1128, 96.1231

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.



93.4288, 96.8044, 99.5692



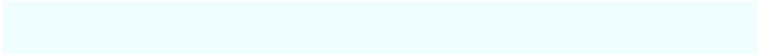
89.7674, 96.8044, 108.5616



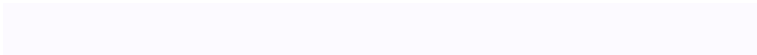
94.5363, 96.8044, 105.9336

Square

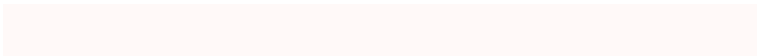
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



89.7674, 96.8044, 108.5616



93.1059, 96.8044, 112.0116



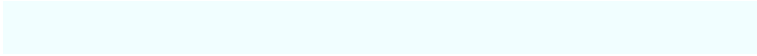
94.2890, 96.8044, 102.3073



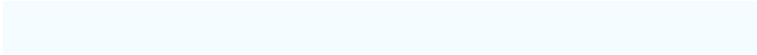
90.9221, 96.8044, 99.0606

Rectangle

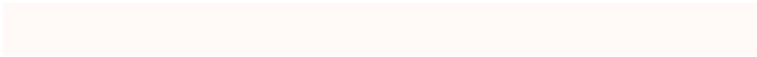
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



89.7674, 96.8044, 108.5616



91.3943, 96.8044, 112.5281



94.2890, 96.8044, 102.3073



92.6278, 96.8044, 98.5862

Sweetspot

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



89.7699, 96.8084, 108.5623



93.0831, 98.8146, 108.7749



88.0535, 96.6280, 97.9634



19.9442, 21.1628, 23.2836



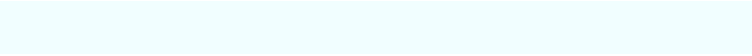
0.0000, 0.0000, 0.0000



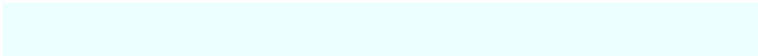
20.3446, 21.4041, 23.3091

Same Dimension

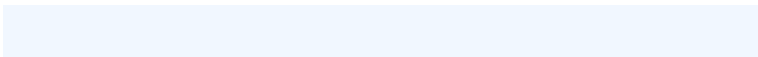
The Same Dimension uses a secret algorithm to generate beautiful new colors.



89.7699, 96.8084, 108.5623



88.3821, 95.9641, 108.4724



87.6077, 92.4840, 107.8415



18.8004, 20.4689, 23.2100



25.2857, 35.4810, 54.9504



2.4937, 3.5182, 5.3609

Inverse Universe

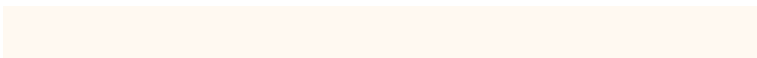
The Inverse Universe completely reimagines the original color for something new.



90.5861, 91.3278, 106.6244



89.4142, 89.0539, 106.0178



90.9728, 95.3216, 96.8246



19.0395, 18.8696, 22.6408



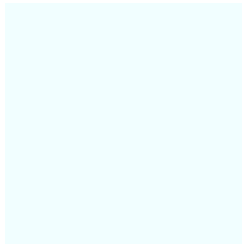
29.5513, 14.3098, 43.1489



2.8933, 1.3997, 4.2856

Previews

White Background



This preview shows how the XYZ color 89.7674, 96.8044, 108.5616 looks on a white background.

Color Contrast Check

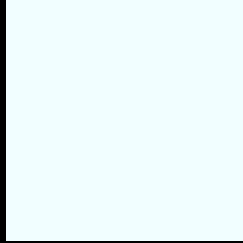
Large Text (above 18pt) WCAG AA × Fail

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 89.7674, 96.8044, 108.5616 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

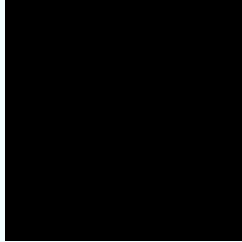
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 89.7674, 96.8044, 108.5616

Background



This preview shows how black text looks on a background with the XYZ color 89.7674, 96.8044, 108.5616.

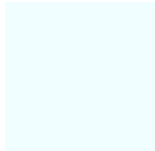


This preview shows how white text looks on a background with the XYZ color 89.7674, 96.8044,

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

89.7674, 96.8044, 108.5616

Protanopia

93.1552, 96.7231, 106.6881

Deuteranopia

92.9963, 96.6595, 105.8512

Tritanopia

91.9715, 96.5384, 108.3941

Trichromacy



Original Color

89.7674, 96.8044, 108.5616

Protanomaly

91.8109, 96.4741, 107.5483

Deuteranomaly

91.6511, 96.4102, 106.7070

Tritanomaly

91.2182, 96.6150, 108.4486

Monochromacy



Original Color

89.7674, 96.8044, 108.5616

Achromatopsia

90.8653, 95.5973, 104.1055

Achromatomaly

90.4256, 95.7968, 105.8201

CSS Examples

Text

The CSS property to change the color of the text to XYZ 89.7674, 96.8044, 108.5616 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(241, 254, 255)` looks like.

```
.text, #text, p{  
    color:rgb(241, 254, 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(241, 254, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 254, 255) }
```

Border

The CSS property to change the border of an element to XYZ 89.7674, 96.8044, 108.5616 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(241, 254, 255) }
```


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

```
.border{ border-color:rgb(241, 254, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 254, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 254, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 254, 255);  
box-shadow:4px 4px 4px 4px rgb(241, 254,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 89.7674, 96.8044, 108.5616 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 254, 255) }
```

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

```
.background{ background-color: rgb(241,  
254, 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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