

Converting Colors

XYZ(88.3453, 95.8906,
108.4602)

Have a look what the booklet for
XYZ(88.3453, 95.8906, 108.4602)
contains.

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Color

**XYZ(88.4169, 96.1081,
108.4984)**

Conversions

Conversions Part 1

Format	Color
Hex	EDFEFF
RGB	237, 254, 255
RGB Percent	93%, 100%, 100%
CMY	0.0706, 0.0039, 0.0000
CMYK	0.07, 0.00, 0.00, 0.00
HSL	183°, 100%, 96%
HSV	183°, 7%, 100%
XYZ	88.4169, 96.1081, 108.4984
YIQ	249.0310, -10.4530, -3.2930

Conversions

Conversions Part 2

Format	Color
R_{YB}	237, 246, 255
Decimal	15597311
CIE _{Lab}	98.48, -5.33, -2.39
CIE _{LCh}	98, 5.847, 204.161
Yxy	96.1081, 0.3017, 0.3280
Android (android.graphics.Color)	4293787391 (0xFFEDFEFF)
YUV	249.0310, 2.9427, -10.5512
Hunter-Lab	98.0347, -10.5728, 3.0060

Details

The XYZ color 88.4169, 96.1081, 108.4984 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 87.1000, 88.5217, 92.6182, and the grayscale version is 90.0529, 94.7427, 103.1748.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 49.2154, 53.8335, 61.2231 is the 20% darker color. If you saturate the color by 10%, you get 80.0561, 91.1393, 107.9800, and if you desaturate by 10%, it is 95.0500, 100.0000, 108.9000.

Distribution



- Red (93%)
- Green (100%)
- Blue (100%)



- Red (93%)
- Yellow (96%)
- Blue (100%)



- Cyan (7%)
- Magenta (0%)
- Yellow (0%)
- Black (0%)



- Cyan (7%)
- Magenta (0%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 88.4169, 96.1081, 108.4984 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 88.4169, 96.1081, 108.4984 by changing the saturation by 10% instead.

88.4169, 96.1081,
108.4984

88.4169, 96.1081,
108.4984

511.1825,
547.7064, 608.5870

67.0003, 73.0576,
82.7603

144.0270,
155.7946, 174.9412

49.3556, 54.0231,
61.4529

178.9512,
193.1994, 216.4830

35.1173, 38.6201,
44.1579

219.1087,
236.1577, 264.1298

23.9202, 26.4643,
30.4565

264.8648,
285.0540, 318.3000

15.3989, 17.1713,
19.9304

316.5849,
340.2726, 379.4124

9.1879, 10.3567,
12.1609

374.6343,

4.9221, 5.6361,

402.1979, 447.8852

6.7295

439.3784,
471.2144, 524.1373

■ 2.2359, 2.6251,
3.2176

■ 0.7616, 0.9393,
1.2068

■ 88.4169, 96.1081,
108.4984

■ 88.4169, 96.1081,
108.4984

■ 80.0561, 91.1393,
107.9800

95.0500, 100.0000,
108.9000

■ 72.8560, 86.7710,
107.5163

■ 66.7646, 82.9791,
107.1054

■ 61.7232, 79.7333,
106.7447

■ 57.6673, 77.0006,
106.4309

■ 54.5259, 74.7440,
106.1610

■ 52.2179, 72.9219,
105.9309

■ 50.6482, 71.4852,
105.7363

■ 49.6954, 70.3713,
105.5715

Harmonies

Analogous

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



88.1553, 96.1081, 103.7022



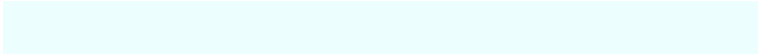
88.4169, 96.1081, 108.4984



89.4597, 96.1081, 112.3673

Triad

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



88.4169, 96.1081, 108.4984



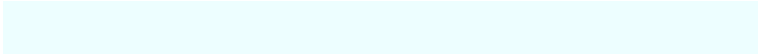
94.0058, 96.1081, 110.1857



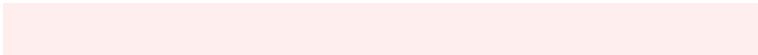
91.6786, 96.1081, 95.6634

Complementary

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



88.4169, 96.1081, 108.4984



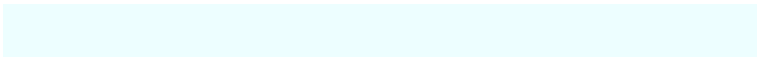
87.1000, 88.5217, 92.6182

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.



93.2624, 96.1081, 97.2856



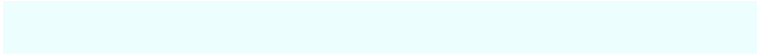
88.4169, 96.1081, 108.4984



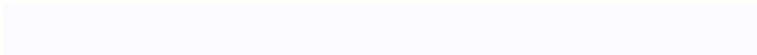
94.6166, 96.1081, 105.5943

Square

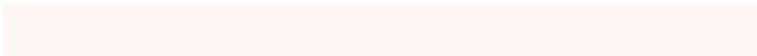
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



88.4169, 96.1081, 108.4984



92.6835, 96.1081, 113.3623



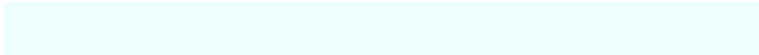
94.3429, 96.1081, 100.8847



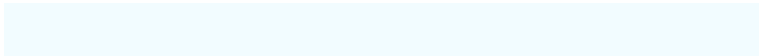
90.0251, 96.1081, 96.3872

Rectangle

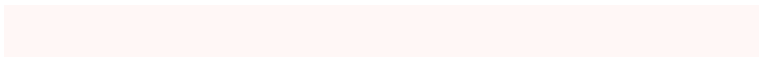
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



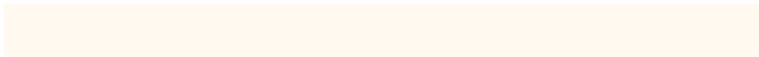
88.4169, 96.1081, 108.4984



90.4644, 96.1081, 113.8499



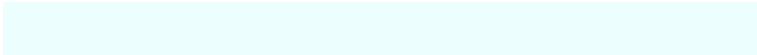
94.3429, 96.1081, 100.8847



92.2370, 96.1081, 95.9508

Sweetspot

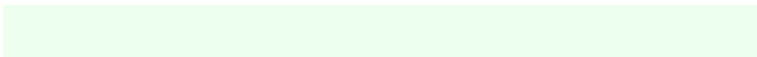
The Sweet Spot groups the original color and five complimentary colors.



88.4194, 96.1120, 108.4990



93.1087, 98.8659, 108.7834



86.1040, 95.6922, 94.7458



19.9494, 21.1733, 23.2853



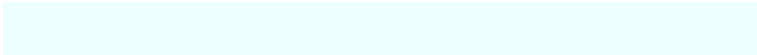
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

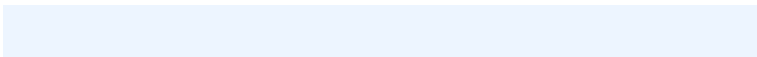
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.4194, 96.1120, 108.4990



87.5805, 95.6171, 108.4477



85.6588, 90.5910, 107.5788



18.4638, 20.2993, 23.1950



25.8909, 36.6914, 55.1521



2.5461, 3.6229, 5.3784

Inverse Universe

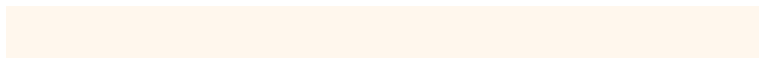
The Inverse Universe completely reimagines the original color for something new.



89.4151, 88.9858, 106.2339



88.7030, 87.5955, 105.8916



89.7569, 93.8356, 93.5039



18.7468, 18.2820, 22.5496



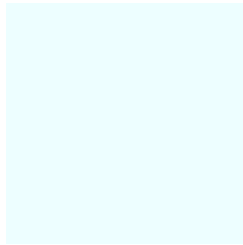
29.8567, 14.4320, 44.7575



2.9198, 1.4103, 4.4249

Previews

White Background



This preview shows how the XYZ color 88.4169, 96.1081, 108.4984 looks on a white background.

Color Contrast Check

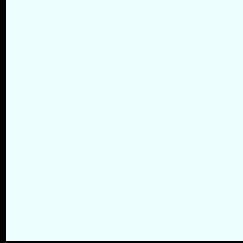
Large Text (above 18pt) WCAG AA × Fail

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 88.4169, 96.1081, 108.4984 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

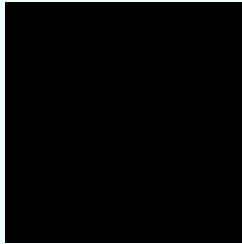
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 88.4169, 96.1081, 108.4984

Background



This preview shows how black text looks on a background with the XYZ color 88.4169, 96.1081, 108.4984.

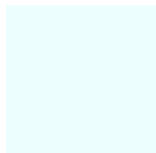


This preview shows how white text looks on a background with the XYZ color 88.4169, 96.1081,

Color Blindness Simulation

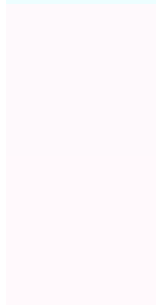
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

88.4169, 96.1081, 108.4984



Protanopia

92.3194, 95.8505, 105.7307

Deuteranopia

92.6864, 96.0396, 105.7479

Tritanopia

91.2586, 96.1708, 108.3607

Trichromacy



A vertical color bar on the left side of the Trichromacy section, divided into four horizontal segments. The top segment is a light cyan color, the second is a light blue, the third is a light green, and the bottom is a light yellow.

Original Color

88.4169, 96.1081, 108.4984

Protanomaly

90.9382, 96.0427, 106.6736

Deuteranomaly

90.9382, 96.0427, 106.6736

Tritanomaly

90.1686, 96.0739, 108.3995

Monochromacy



A vertical color bar on the left side of the Monochromacy section, divided into three horizontal segments. The top segment is a light cyan color, the middle is a light blue, and the bottom is a light yellow.

Original Color

88.4169, 96.1081, 108.4984

Achromatopsia

90.0415, 94.7307, 103.1617

Achromatomaly

89.5660, 95.3719, 104.9548

CSS Examples

Text

The CSS property to change the color of the text to XYZ 88.4169, 96.1081, 108.4984 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(237, 254, 255)` looks like.

```
.text, #text, p{  
    color:rgb(237, 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(237, 254, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 254, 255) }
```

Border

The CSS property to change the border of an element to XYZ 88.4169, 96.1081, 108.4984 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(237, 254, 255) }
```


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

```
.border{ border-color:rgb(237, 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(237, 254, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 254, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 254, 255);  
box-shadow:4px 4px 4px 4px rgb(237, 254,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 88.4169, 96.1081, 108.4984 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 254, 255) }
```

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

```
.background{ background-color: rgb(237,  
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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