

Converting Colors

XYZ(89.8221, 100.0000,
105.9121)

Have a look what the booklet for
XYZ(89.8221, 100.0000, 105.9121)
contains.

XYZ(88.0976, 96.4896, 105.2479)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(88.0976, 96.4896,
105.2479)**

Conversions

Conversions Part 1

Format	Color
Hex	EDFFFB
RGB	237, 255, 251
RGB Percent	93%, 100%, 98%
CMY	0.0706, 0.0000, 0.0157
CMYK	0.07, 0.00, 0.02, 0.00
HSL	167°, 100%, 96%
HSV	167°, 7%, 100%
XYZ	88.0976, 96.4896, 105.2479
YIQ	249.1620, -9.4440, -5.0600

Conversions

Conversions Part 2

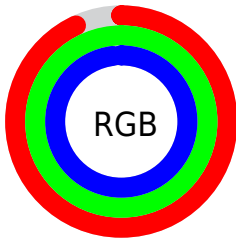
Format	Color
R_{YB}	237, 247, 255
Decimal	15597563
CIE _{Lab}	98.63, -6.58, -0.12
CIE _{LCh}	99, 6.576, 181.022
Yxy	96.4896, 0.3040, 0.3329
Android (android.graphics.Color)	4293787643 (0xFFEDFFFB)
YUV	249.1620, 0.9061, -10.6661
Hunter-Lab	98.2291, -11.8118, 5.2339

Details

The XYZ color 88.0976, 96.4896, 105.2479 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 87.4018, 88.1802, 95.6329, and the grayscale version is 90.1736, 94.8696, 103.3130.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 49.1005, 54.1521, 59.4943 is the 20% darker color. If you saturate the color by 10%, you get 79.3009, 92.0563, 100.2453, and if you desaturate by 10%, it is 95.0500, 100.0000, 108.9000.

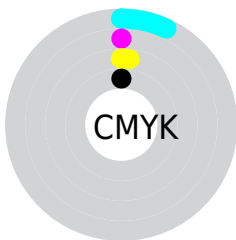
Distribution



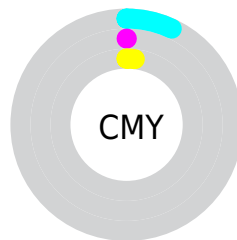
- Red (93%)
- Green (100%)
- Blue (98%)



- Red (93%)
- Yellow (97%)
- Blue (100%)



- Cyan (7%)
- Magenta (0%)
- Yellow (2%)
- Black (0%)





- Cyan (7%)
- Magenta (0%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 88.0976, 96.4896, 105.2479 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 88.0976, 96.4896, 105.2479 by changing the saturation by 10% instead.


 88.0976, 96.4896,
105.2479

 88.0976, 96.4896,
105.2479


510.1534,
548.9229, 598.2799

 66.7350, 73.3754,
80.0492


143.5849,
156.3209, 170.4650

 49.1392, 54.2830,
59.2325


178.4402,
193.8069, 211.3206

 34.9449, 38.8279,
42.3790


218.5238,
236.8522, 258.2322

 23.7867, 26.6259,
29.0704

264.2010,
285.8412, 311.6184

 15.2994, 17.2925,
18.8881

315.8373,
341.1584, 371.8977

 9.1174, 10.4432,
11.4134

373.7978,

 4.8756, 5.6938,

403.1881, 439.4887

6.2280

438.4481,
472.3148, 514.8099

■ 2.2085, 2.6598,
2.9132

■ 0.7472, 0.9568,
1.0505

■ 88.0976, 96.4896,
105.2479

■ 88.0976, 96.4896,
105.2479

■ 79.3009, 92.0563,
100.2453

95.0500, 100.0000,
108.9000

■ 71.6897, 88.2311,
95.4351

■ 65.2101, 84.9864,
90.8149

■ 59.8032, 82.2916,
86.3807

■ 55.4045, 80.1135,
82.1283

■ 51.9425, 78.4154,
78.0531

■ 49.3359, 77.1553,
74.1500

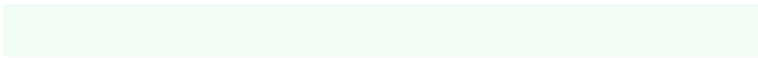
■ 47.4895, 76.2843,
70.4132

■ 46.2816, 75.7395,
66.8357

Harmonies

Analogous

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



88.5441, 96.4896, 100.0612



88.0976, 96.4896, 105.2479



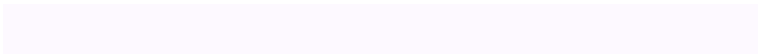
88.6079, 96.4896, 110.5589

Triad

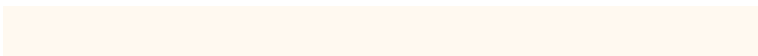
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



88.0976, 96.4896, 105.2479



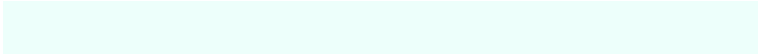
93.6107, 96.4896, 114.3071



93.4961, 96.4896, 96.1507

Complementary

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



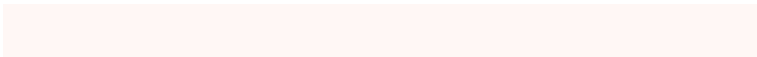
88.0976, 96.4896, 105.2479



87.4018, 88.1802, 95.6329

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.



94.8846, 96.4896, 99.7480



88.0976, 96.4896, 105.2479



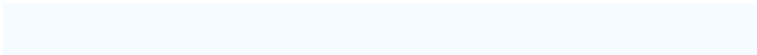
94.9514, 96.4896, 110.2241

Square

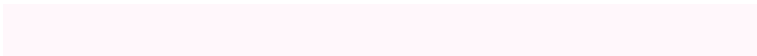
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



88.0976, 96.4896, 105.2479



91.7758, 96.4896, 115.8994



95.4208, 96.4896, 104.8739



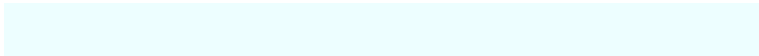
91.6452, 96.4896, 94.9198

Rectangle

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



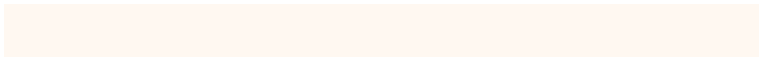
88.0976, 96.4896, 105.2479



89.4262, 96.4896, 113.4264



95.4208, 96.4896, 104.8739



94.0333, 96.4896, 97.1170

Sweetspot

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



88.0985, 96.4900, 105.2494



93.0166, 98.9728, 107.8555



87.3907, 96.3707, 94.1175



19.9307, 21.1950, 23.0966



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.



88.0985, 96.4900, 105.2494



87.2179, 96.0457, 104.7697



87.2235, 93.7207, 108.1005



18.3720, 20.4083, 22.2618



24.0914, 39.5332, 34.6965



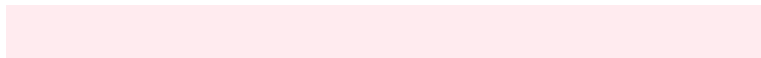
2.3862, 3.8654, 3.5916

Inverse Universe

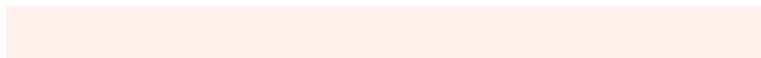
The Inverse Universe completely reimagines the original color for something new.



87.4018, 88.1802, 95.6329



86.4334, 86.6877, 93.9403



88.2193, 90.7605, 92.9909



18.1746, 18.0531, 19.5364



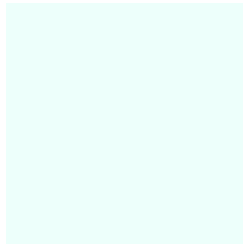
21.9754, 11.2795, 3.2552



2.1785, 1.1138, 0.5214

Previews

White Background



This preview shows how the XYZ color 88.0976, 96.4896, 105.2479 looks on a white background.

Color Contrast Check

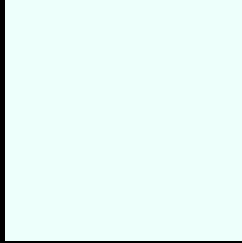
Large Text (above 18pt) WCAG AA × Fail

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 88.0976, 96.4896, 105.2479 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

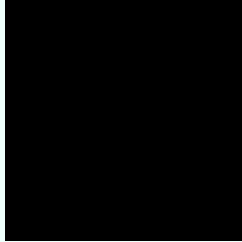
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 88.0976, 96.4896, 105.2479

Background



This preview shows how black text looks on a background with the XYZ color 88.0976, 96.4896, 105.2479.



This preview shows how white text looks on a background with the XYZ color 88.0976, 96.4896,

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

88.0976, 96.4896, 105.2479

Protanopia

92.3689, 96.4085, 102.5473

Deuteranopia

92.5283, 95.9764, 104.9153

Tritanopia

91.6141, 96.3541, 108.3774

Trichromacy



Original Color

88.0976, 96.4896, 105.2479

Protanomaly

90.6207, 96.4168, 103.4566

Deuteranomaly

90.6212, 95.9159, 105.0042

Tritanomaly

90.3560, 96.1890, 107.5700

Monochromacy



Original Color

88.0976, 96.4896, 105.2479

Achromatopsia

90.0415, 94.7307, 103.1617

Achromatomaly

89.4087, 95.3090, 104.1266

CSS Examples

Text

The CSS property to change the color of the text to XYZ 88.0976, 96.4896, 105.2479 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, 255, 251)` looks like.

```
.text, #text, p{  
    color:rgb(237, 255, 251)  
}
```

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, 255, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 255, 251) }
```

Border

The CSS property to change the border of an element to XYZ 88.0976, 96.4896, 105.2479 is called "border". The border property can be set on classes, ids or directly on the HTML element.

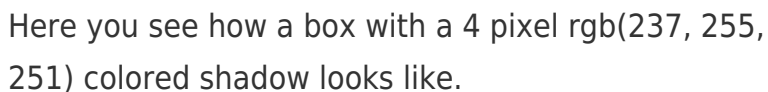
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(237, 255, 251) }
```


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

```
.border{ border-color:rgb(237, 255, 251) }
```

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



Here you see how a box with a 4 pixel `rgb(237, 255, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 255, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 255, 251);  
box-shadow:4px 4px 4px 4px rgb(237, 255,  
251) }
```

Background

The CSS property to change the background color of an element to XYZ 88.0976, 96.4896, 105.2479 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 255, 251) }
```

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

```
.background{ background-color: rgb(237,  
255, 251) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor