

Converting Colors

XYZ(88.6050, 96.8134,
102.4605)

Have a look what the booklet for
XYZ(88.6050, 96.8134, 102.4605)
contains.

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Color

**XYZ(88.6385, 96.8226,
102.8238)**

Conversions

Conversions Part 1

Format	Color
Hex	F0FFF8
RGB	240, 255, 248
RGB Percent	94%, 100%, 97%
CMY	0.0588, 0.0000, 0.0274
CMYK	0.06, 0.00, 0.03, 0.00
HSL	152°, 100%, 97%
HSV	152°, 6%, 100%
XYZ	88.6385, 96.8226, 102.8238
YIQ	249.7170, -6.6930, -5.3570

Conversions

Conversions Part 2

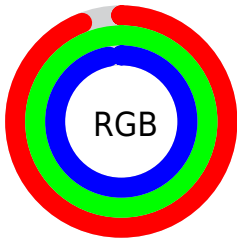
Format	Color
R_{YB}	240, 250, 255
Decimal	15794168
CIE _{Lab}	98.76, -6.15, 1.64
CIE _{LCh}	99, 6.362, 165.063
Yxy	96.8226, 0.3075, 0.3359
Android (android.graphics.Color)	4293984248 (0xFFFF0FFF8)
YUV	249.7170, -0.8465, -8.5218
Hunter-Lab	98.3985, -11.4024, 6.9225

Details

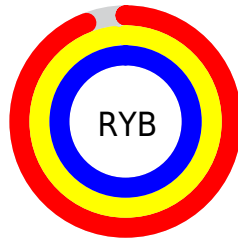
The XYZ color 88.6385, 96.8226, 102.8238 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 89.1892, 90.2967, 100.7240, and the grayscale version is 90.6430, 95.3635, 103.8509.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 49.4757, 54.3843, 57.7587 is the 20% darker color. If you saturate the color by 10%, you get 78.7936, 91.9539, 93.0316, and if you desaturate by 10%, it is 95.0500, 100.0000, 108.9000.

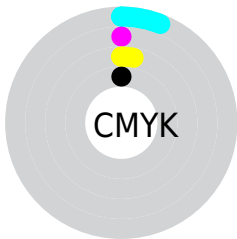
Distribution



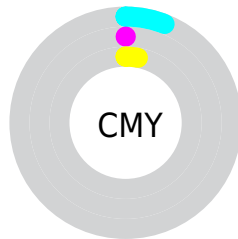
- Red (94%)
- Green (100%)
- Blue (97%)



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



- Cyan (6%)
- Magenta (0%)
- Yellow (3%)
- Black (0%)




- Cyan (6%)
- Magenta (0%)
- Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 88.6385, 96.8226, 102.8238 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 88.6385, 96.8226, 102.8238 by changing the saturation by 10% instead.

 88.6385, 96.8226,
102.8238

 88.6385, 96.8226,
102.8238


511.8961,
549.9835, 590.5324

 67.1845, 73.6529,
78.0309


144.3337,
156.7802, 167.1180

 49.5058, 54.5100,
57.5828


179.3057,
194.3369, 207.4563

 35.2371, 39.0095,
41.0608


219.5144,
237.4579, 253.8136

 24.0129, 26.7671,
28.0466

265.3252,
286.5278, 306.6083

 15.4680, 17.3984,
18.1214

317.1034,
341.9309, 366.2590

 9.2370, 10.5190,
10.8669

375.2144,

 4.9544, 5.7444,

404.0517, 433.1842

5.8643

440.0235,
473.2744, 507.8025

■ 2.2550, 2.6903,
2.6953

■ 0.7715, 0.9723,
0.9411

■ 88.6385, 96.8226,
102.8238

■ 88.6385, 96.8226,
102.8238

■ 78.7936, 91.9539,
93.0316

95.0500, 100.0000,
108.9000

■ 70.2291, 87.7320,
83.8993

■ 62.8896, 84.1286,
75.4140

■ 56.7146, 81.1127,
67.5610

■ 51.6383, 78.6506,
60.3249

■ 47.5877, 76.7052,
53.6894

■ 44.4809, 75.2343,
47.6376

■ 42.2220, 74.1889,
42.1511

■ 40.6929, 73.5084,
37.2102

Harmonies

Analogous

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



89.5361, 96.8226, 98.4022



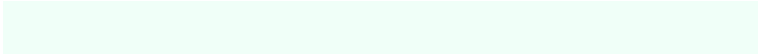
88.6385, 96.8226, 102.8238



88.6405, 96.8226, 108.0884

Triad

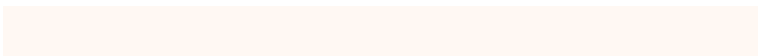
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



88.6385, 96.8226, 102.8238



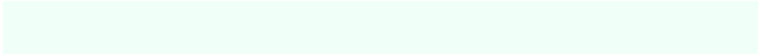
92.9529, 96.8226, 115.5515



94.5579, 96.8226, 98.3871

Complementary

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



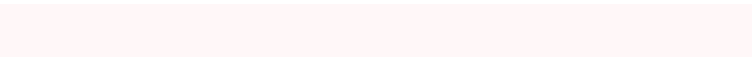
88.6385, 96.8226, 102.8238



89.1892, 90.2967, 100.7240

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.



95.4986, 96.8226, 102.8024



88.6385, 96.8226, 102.8238



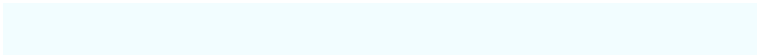
94.5636, 96.8226, 112.7707

Square

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



88.6385, 96.8226, 102.8238



91.1148, 96.8226, 115.5577



95.5007, 96.8226, 108.0664



92.9453, 96.8226, 95.8995

Rectangle

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



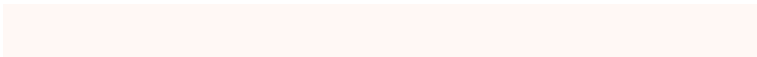
88.6385, 96.8226, 102.8238



89.1510, 96.8226, 111.3742



95.5007, 96.8226, 108.0664



94.9642, 96.8226, 99.6884

Sweetspot

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



88.6394, 96.8230, 102.8253



92.8177, 98.8932, 106.8080



89.8466, 97.5857, 96.5401



19.8902, 21.1788, 22.8833



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

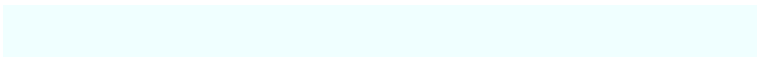
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.6394, 96.8230, 102.8253



87.4729, 96.2455, 101.6967



89.5865, 96.9470, 108.5987



18.5895, 20.5345, 21.6377



21.0842, 38.3303, 18.8606



2.1081, 3.7542, 2.1272

Inverse Universe

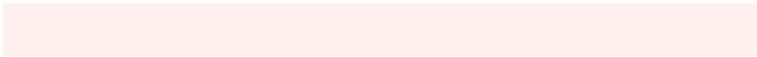
The Inverse Universe completely reimagines the original color for something new.



89.1892, 90.2967, 100.7240



88.1223, 88.5371, 99.2149



88.2765, 90.1674, 95.1909



18.7399, 18.7497, 21.0630



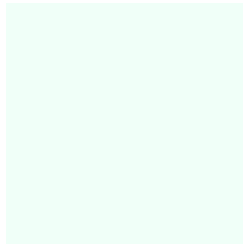
23.3620, 11.8341, 10.5567



2.3292, 1.1741, 1.3152

Previews

White Background



This preview shows how the XYZ color 88.6385, 96.8226, 102.8238 looks on a white background.

Color Contrast Check

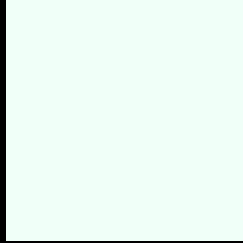
Large Text (above 18pt) WCAG AA × Fail

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 88.6385, 96.8226, 102.8238 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

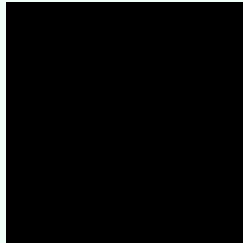
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 88.6385, 96.8226, 102.8238

Background



This preview shows how black text looks on a background with the XYZ color 88.6385, 96.8226, 102.8238.



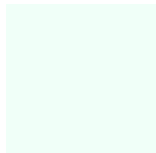
This preview shows how white text looks on a background with the XYZ color 88.6385, 96.8226,

102.8238.

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

88.6385, 96.8226, 102.8238



Protanopia

92.2141, 96.3466, 101.7322

Deuteranopia

92.8382, 96.5962, 105.0186

Tritanopia

91.9715, 96.5384, 108.3941

Trichromacy



Original Color

88.6385, 96.8226, 102.8238

Protanomaly

91.0232, 96.6602, 101.8555

Deuteranomaly

91.4901, 96.8469, 104.3138

Tritanomaly

90.3871, 96.2419, 105.9081

Monochromacy



Original Color

88.6385, 96.8226, 102.8238

Achromatopsia

90.8653, 95.5973, 104.1055

Achromatomaly

89.9153, 96.0532, 103.4236

CSS Examples

Text

The CSS property to change the color of the text to XYZ 88.6385, 96.8226, 102.8238 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, 248)` looks like.

```
.text, #text, p{  
    color:rgb(240, 255, 248)  
}
```

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, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 255, 248) }
```

Border

The CSS property to change the border of an element to XYZ 88.6385, 96.8226, 102.8238 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, 248) }
```


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

```
.border{ border-color:rgb(240, 255, 248) }
```

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, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 255, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 255, 248);  
box-shadow:4px 4px 4px 4px rgb(240, 255,  
248) }
```

Background

The CSS property to change the background color of an element to XYZ 88.6385, 96.8226, 102.8238 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, 248) }
```

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

```
.background{ background-color: rgb(240,  
255, 248) }
```

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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