

Converting Colors

XYZ(88.4532, 95.5139,
102.3339)

Have a look what the booklet for
XYZ(88.4532, 95.5139, 102.3339)
contains.

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Color

**XYZ(88.3716, 95.2754,
102.5392)**

Conversions

Conversions Part 1

Format	Color
Hex	F2FCF8
RGB	242, 252, 248
RGB Percent	95%, 99%, 97%
CMY	0.0510, 0.0117, 0.0274
CMYK	0.04, 0.00, 0.02, 0.01
HSL	156°, 63%, 97%
HSV	156°, 4%, 99%
XYZ	88.3716, 95.2754, 102.5392
YIQ	248.5540, -4.6760, -3.3640

Conversions

Conversions Part 2

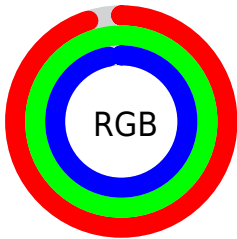
Format	Color
R_{YB}	242, 248, 252
Decimal	15924472
CIE Lab	98.14, -3.99, 0.76
CIE LCh	98, 4.061, 169.193
Yxy	95.2754, 0.3088, 0.3329
Android (android.graphics.Color)	4294114552 (0xFF2FCF8)
YUV	248.5540, -0.2731, -5.7479
Hunter-Lab	97.6091, -9.2088, 6.0417

Details

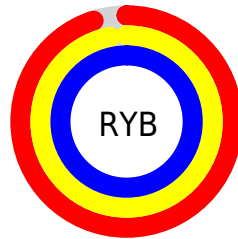
The XYZ color 88.3716, 95.2754, 102.5392 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 88.5351, 90.8559, 100.0641, and the grayscale version is 89.6838, 94.3544, 102.7519.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 49.2792, 53.2751, 57.5550 is the 20% darker color. If you saturate the color by 10%, you get 78.7886, 90.5138, 94.1420, and if you desaturate by 10%, it is 94.1023, 98.1045, 108.5841.

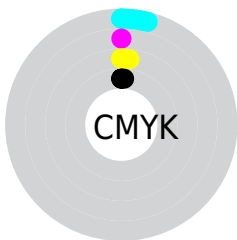
Distribution



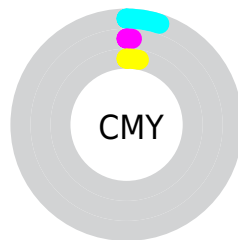
- Red (95%)
- Green (99%)
- Blue (97%)



- Red (95%)
- Yellow (97%)
- Blue (99%)



- Cyan (4%)
- Magenta (0%)
- Yellow (2%)
- Black (1%)



- Cyan (5%)
- Magenta (1%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 88.3716, 95.2754, 102.5392 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 88.3716, 95.2754, 102.5392 by changing the saturation by 10% instead.

88.3716, 95.2754,
102.5392

88.3716, 95.2754,
102.5392

511.0366,
545.0463, 589.6193

66.9627, 72.3642,
77.7942

143.9643,
154.6450, 166.7245

49.3249, 53.4563,
57.3895

178.8787,
191.8722, 207.0018

35.0929, 38.1671,
40.9066

219.0257,
234.6403, 253.2936

23.9013, 26.1124,
27.9269

264.7707,
283.3335, 306.0185

15.3847, 16.9078,
18.0320

316.4789,
338.3363, 365.5950

9.1779, 10.1687,
10.8033

374.5157,

4.9154, 5.5110,

400.0331, 432.4416

5.8222

439.2465,
468.8083, 506.9769

■ 2.2320, 2.5501,
2.6702

■ 0.7595, 0.9016,
0.9284

■ 88.3716, 95.2754,
102.5392

■ 88.3716, 95.2754,
102.5392

■ 78.7886, 90.5138,
94.1420

■ 94.1023, 98.1045,
108.5841

■ 70.4293, 86.3708,
86.2335

■ 63.2433, 82.8233,
78.8063

■ 57.1735, 79.8419,
71.8505

■ 52.1580, 77.3948,
65.3558

■ 48.1282, 75.4470,
59.3114

■ 45.0074, 73.9590,
53.7060

■ 42.7066, 72.8851,
48.5271

■ 41.1174, 72.1697,
43.7616

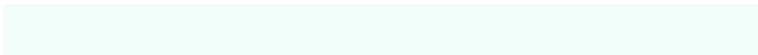
Harmonies

Analogous

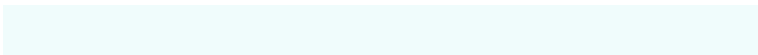
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.8697, 95.2754, 99.5981



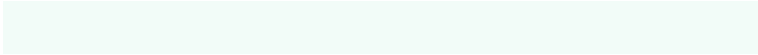
88.3716, 95.2754, 102.5392



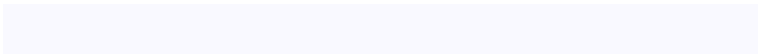
88.4551, 95.2754, 105.8643

Triad

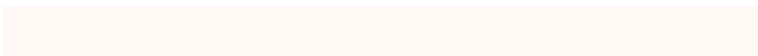
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



88.3716, 95.2754, 102.5392



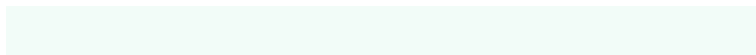
91.2956, 95.2754, 109.9228



92.0298, 95.2754, 98.9533

Complementary

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



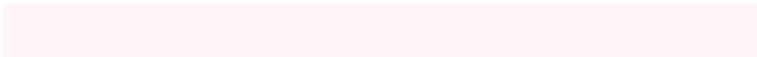
88.3716, 95.2754, 102.5392



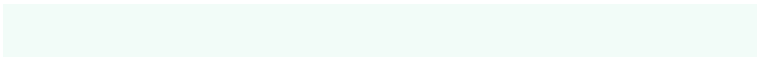
88.5351, 90.8559, 100.0641

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.



92.6907, 95.2754, 101.6418



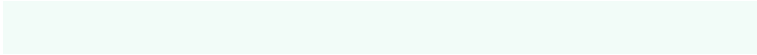
88.3716, 95.2754, 102.5392



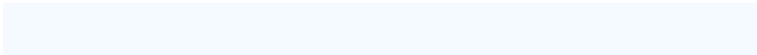
92.2643, 95.2754, 107.9925

Square

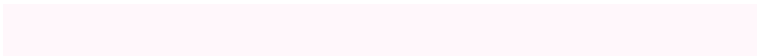
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



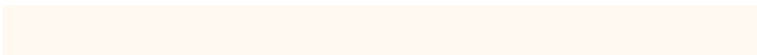
88.3716, 95.2754, 102.5392



90.1366, 95.2754, 110.1756



92.7769, 95.2754, 104.9475



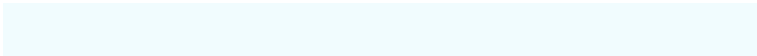
90.9775, 95.2754, 97.5576

Rectangle

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



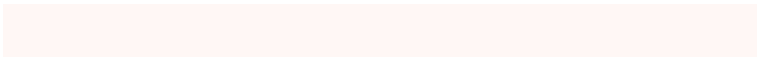
88.3716, 95.2754, 102.5392



88.8296, 95.2754, 107.8502



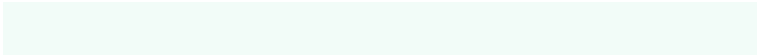
92.7769, 95.2754, 104.9475



92.3055, 95.2754, 99.7331

Sweetspot

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



88.3743, 95.2795, 102.5413



93.9541, 99.4540, 107.9932



88.9052, 95.6590, 97.7839



20.1216, 21.2930, 23.1246



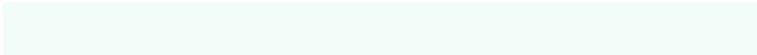
0.0000, 0.0000, 0.0000



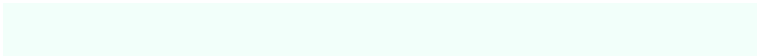
20.3446, 21.4041, 23.3091

Same Dimension

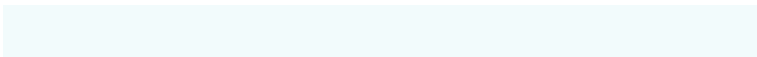
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.3743, 95.2795, 102.5413



89.7030, 97.3372, 104.4178



88.7411, 95.0082, 105.7616



18.2341, 19.8718, 21.2705



21.1235, 37.4624, 21.7917



2.0088, 3.4906, 2.2940

Inverse Universe

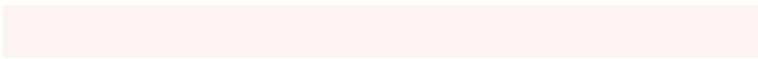
The Inverse Universe completely reimagines the original color for something new.



88.5351, 90.8559, 100.0641



89.9097, 91.6504, 101.2332



88.1756, 91.1101, 96.9443



18.2821, 18.5517, 20.5313



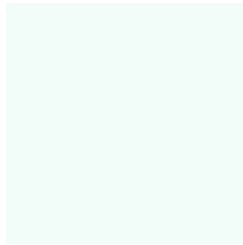
22.2000, 11.2957, 7.7617



2.1069, 1.0665, 0.9862

Previews

White Background



This preview shows how the XYZ color 88.3716, 95.2754, 102.5392 looks on a white background.

Color Contrast Check

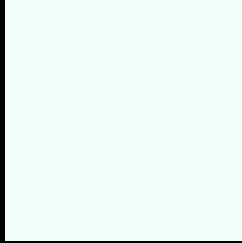
Large Text (above 18pt) WCAG AA × Fail

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 88.3716, 95.2754, 102.5392 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

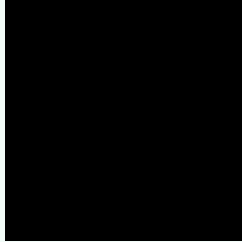
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

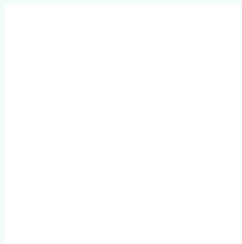
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 88.3716, 95.2754, 102.5392

Background



This preview shows how black text looks on a background with the XYZ color 88.3716, 95.2754, 102.5392.

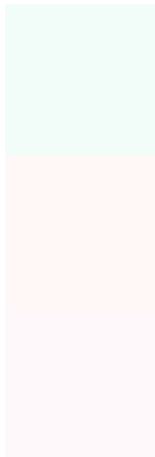


This preview shows how white text looks on a background with the XYZ color 88.3716, 95.2754,

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

88.3716, 95.2754, 102.5392

Protanopia

91.4420, 95.0486, 100.7155

Deuteranopia

92.0627, 95.2969, 103.9844

Tritanopia

90.6371, 94.9278, 108.1536

Trichromacy



Original Color

88.3716, 95.2754, 102.5392

Protanomaly

90.0885, 94.7908, 101.5440

Deuteranomaly

90.3989, 94.9149, 103.1784

Tritanomaly

89.7623, 94.9923, 105.6998

Monochromacy



Original Color

88.3716, 95.2754, 102.5392

Achromatopsia

90.0415, 94.7307, 103.1617

Achromatomaly

89.2905, 94.8036, 103.2153

CSS Examples

Text

The CSS property to change the color of the text to XYZ 88.3716, 95.2754, 102.5392 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(242, 252, 248) looks like.

```
.text, #text, p{  
    color:rgb(242, 252, 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(242, 252, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 252, 248) }
```

Border

The CSS property to change the border of an element to XYZ 88.3716, 95.2754, 102.5392 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(242, 252, 248) }
```


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

```
.border{ border-color:rgb(242, 252, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 252, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 252, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 252, 248);  
box-shadow:4px 4px 4px 4px rgb(242, 252,  
248) }
```

Background

The CSS property to change the background color of an element to XYZ 88.3716, 95.2754, 102.5392 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 252, 248) }
```

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

```
.background{ background-color: rgb(242,  
252, 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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