

Converting Colors

XYZ(88.7147, 95.4254,
102.3460)

Have a look what the booklet for
XYZ(88.7147, 95.4254, 102.3460)
contains.

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Color

**XYZ(88.7158, 95.4528,
102.5553)**

Conversions

Conversions Part 1

Format	Color
Hex	F3FCF8
RGB	243, 252, 248
RGB Percent	95%, 99%, 97%
CMY	0.0471, 0.0117, 0.0274
CMYK	0.04, 0.00, 0.02, 0.01
HSL	153°, 60%, 97%
HSV	153°, 4%, 99%
XYZ	88.7158, 95.4528, 102.5553
YIQ	248.8530, -4.0800, -3.1520

Conversions

Conversions Part 2

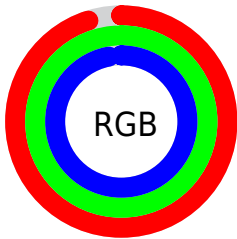
Format	Color
R_{YB}	243, 249, 252
Decimal	15990008
CIE _{Lab}	98.21, -3.66, 0.87
CIE _{LCh}	98, 3.764, 166.585
Yxy	95.4528, 0.3094, 0.3329
Android (android.graphics.Color)	4294180088 (0xFFFF3FCF8)
YUV	248.8530, -0.4205, -5.1331
Hunter-Lab	97.6999, -8.8892, 6.1535

Details

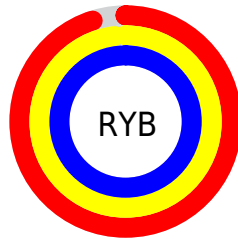
The XYZ color 88.7158, 95.4528, 102.5553 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 88.9875, 91.5145, 100.9743, and the grayscale version is 89.9299, 94.6133, 103.0338.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 49.5231, 53.4008, 57.5664 is the 20% darker color. If you saturate the color by 10%, you get 78.9224, 90.6017, 93.2922, and if you desaturate by 10%, it is 94.1022, 98.1045, 108.5841.

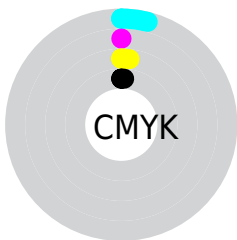
Distribution



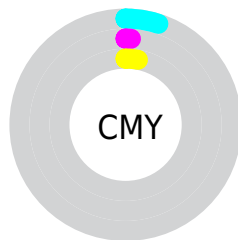
- Red (95%)
- Green (99%)
- Blue (97%)



- Red (95%)
- Yellow (98%)
- 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 88.7158, 95.4528, 102.5553 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 88.7158, 95.4528, 102.5553 by changing the saturation by 10% instead.


 88.7158, 95.4528,
102.5553

 88.7158, 95.4528,
102.5553


512.1449,
545.6136, 589.6710

 67.2488, 72.5119,
77.8075


144.4407,
154.8900, 166.7468

 49.5583, 53.5769,
57.4004


179.4294,
192.1551, 207.0275

 35.2789, 38.2635,
40.9153


219.6559,
234.9637, 253.3231

 24.0453, 26.1873,
27.9337

265.4857,
283.7003, 306.0519

 15.4922, 16.9638,
18.0371

317.2842,
338.7492, 365.6326

 9.2541, 10.2087,
10.8069

375.4166,

 4.9657, 5.5375,

400.4947, 432.4836

5.8246

440.2484,
469.3214, 507.0236

■ 2.2617, 2.5660,
2.6717

■ 0.7750, 0.9096,
0.9291

■ 88.7158, 95.4528,
102.5553

■ 88.7158, 95.4528,
102.5553

■ 78.9224, 90.6017,
93.2922

■ 94.1022, 98.1045,
108.5841

■ 70.3739, 86.3779,
84.6194

■ 63.0197, 82.7582,
76.5268

■ 56.8022, 79.7131,
69.0019

■ 51.6592, 77.2107,
62.0315

■ 47.5218, 75.2159,
55.6017

■ 44.3132, 73.6891,
49.6981

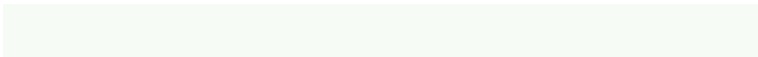
■ 41.9443, 72.5848,
44.3051

■ 40.3069, 71.8474,
39.4060

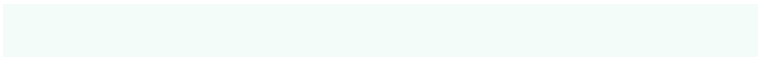
Harmonies

Analogous

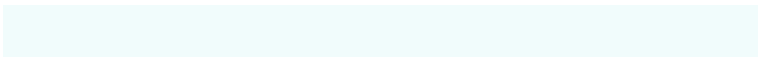
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



89.2218, 95.4528, 99.8894



88.7158, 95.4528, 102.5553



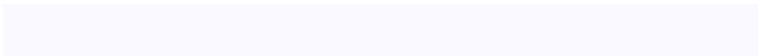
88.7452, 95.4528, 105.6424

Triad

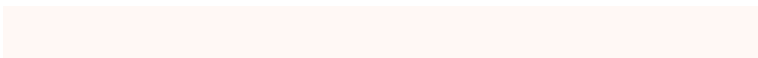
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



88.7158, 95.4528, 102.5553



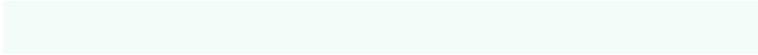
91.3203, 95.4528, 109.7491



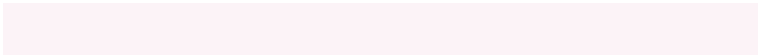
92.1628, 95.4528, 99.6625

Complementary

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



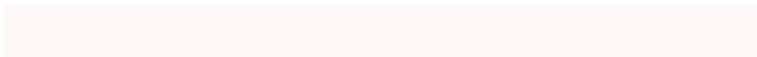
88.7158, 95.4528, 102.5553



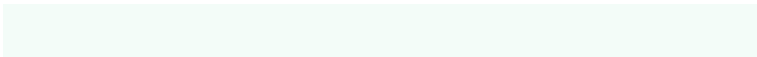
88.9875, 91.5145, 100.9743

Split Complementary

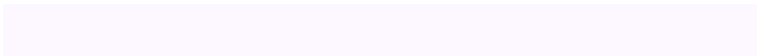
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



92.7341, 95.4528, 102.2399



88.7158, 95.4528, 102.5553



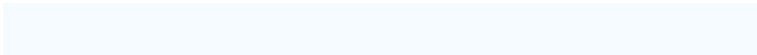
92.2451, 95.4528, 108.0820

Square

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



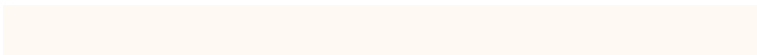
88.7158, 95.4528, 102.5553



90.2431, 95.4528, 109.8376



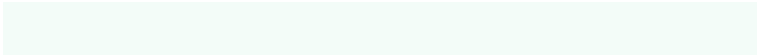
92.7644, 95.4528, 105.3207



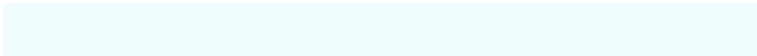
91.2087, 95.4528, 98.2417

Rectangle

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



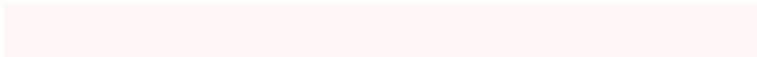
88.7158, 95.4528, 102.5553



89.0643, 95.4528, 107.5247



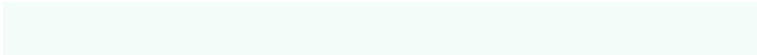
92.7644, 95.4528, 105.3207



92.4063, 95.4528, 100.4200

Sweetspot

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



88.7185, 95.4569, 102.5574



93.9360, 99.4467, 107.8977



89.3668, 95.8795, 98.5918



20.1179, 21.2915, 23.1051



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

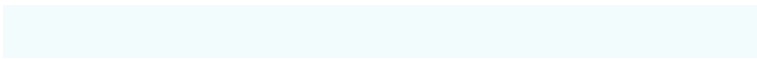
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.7185, 95.4569, 102.5574



90.6746, 97.8278, 104.9281



89.2053, 95.4257, 105.8177



18.4178, 19.9649, 21.3511



20.6719, 37.2818, 19.4136



1.9680, 3.4743, 2.0791

Inverse Universe

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



88.9875, 91.5145, 100.9743



90.9833, 93.3044, 103.1117



88.5109, 91.5397, 97.7992



18.4924, 18.8715, 20.9120



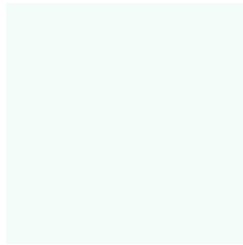
22.5088, 11.4192, 9.3876



2.1371, 1.0786, 1.1456

Previews

White Background



This preview shows how the XYZ color 88.7158, 95.4528, 102.5553 looks on a white background.

Color Contrast Check

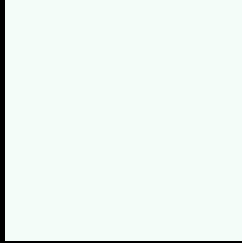
Large Text (above 18pt) WCAG AA × Fail

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 88.7158, 95.4528, 102.5553 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

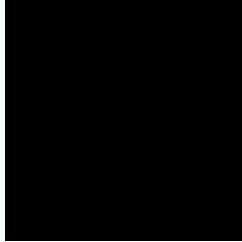
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

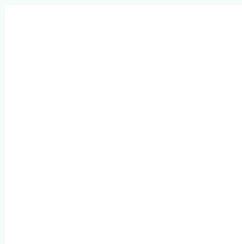
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 88.7158, 95.4528, 102.5553

Background



This preview shows how black text looks on a background with the XYZ color 88.7158, 95.4528, 102.5553.



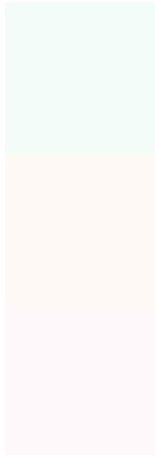
This preview shows how white text looks on a background with the XYZ color 88.7158, 95.4528,

102.5553.

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

88.7158, 95.4528, 102.5553

Protanopia

91.7502, 95.6652, 100.8182

Deuteranopia

92.0627, 95.2969, 103.9844

Tritanopia

91.3025, 95.7310, 108.2735

Trichromacy



Original Color

88.7158, 95.4528, 102.5553

Protanomaly

90.7578, 95.5958, 101.6641

Deuteranomaly

90.7582, 95.1001, 103.1952

Tritanomaly

90.4256, 95.7968, 105.8201

Monochromacy



Original Color

88.7158, 95.4528, 102.5553

Achromatopsia

90.0415, 94.7307, 103.1617

Achromatomaly

89.6423, 94.9849, 103.2318

CSS Examples

Text

The CSS property to change the color of the text to XYZ 88.7158, 95.4528, 102.5553 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(243, 252, 248)` looks like.

```
.text, #text, p{  
    color:rgb(243, 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(243, 252, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 252, 248) }
```

Border

The CSS property to change the border of an element to XYZ 88.7158, 95.4528, 102.5553 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(243, 252, 248) }
```


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

```
.border{ border-color:rgb(243, 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(243, 252, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 252, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 252, 248);  
box-shadow:4px 4px 4px 4px rgb(243, 252,  
248) }
```

Background

The CSS property to change the background color of an element to XYZ 88.7158, 95.4528, 102.5553 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 252, 248) }
```

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

```
.background{ background-color: rgb(243,  
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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