

Converting Colors

XYZ(88.7459, 95.3102,
103.1849)

Have a look what the booklet for
XYZ(88.7459, 95.3102, 103.1849)
contains.

XYZ(88.8714, 95.5150, 103.3748)	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(88.8714, 95.5150,
103.3748)**

Conversions

Conversions Part 1

Format	Color
Hex	F3FCF9
RGB	243, 252, 249
RGB Percent	95%, 99%, 98%
CMY	0.0471, 0.0117, 0.0235
CMYK	0.04, 0.00, 0.01, 0.01
HSL	160°, 60%, 97%
HSV	160°, 4%, 99%
XYZ	88.8714, 95.5150, 103.3748
YIQ	248.9670, -4.4010, -2.8410

Conversions

Conversions Part 2

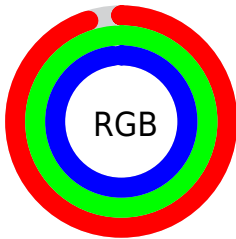
Format	Color
R _Y B	243, 248, 252
Decimal	15990009
CIE Lab	98.24, -3.48, 0.40
CIE LCh	98, 3.505, 173.526
Yxy	95.5150, 0.3088, 0.3319
Android (android.graphics.Color)	4294180089 (0xFFFF3FCF9)
YUV	248.9670, 0.0163, -5.2331
Hunter-Lab	97.7318, -8.7134, 5.6988

Details

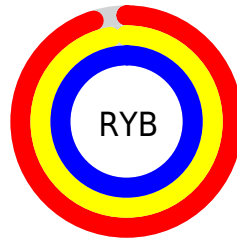
The XYZ color 88.8714, 95.5150, 103.3748 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 88.8335, 91.4529, 100.1634, and the grayscale version is 90.0202, 94.7083, 103.1373.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 49.6343, 53.4453, 58.1520 is the 20% darker color. If you saturate the color by 10%, you get 79.4829, 90.8259, 96.2438, and if you desaturate by 10%, it is 94.1022, 98.1044, 108.5841.

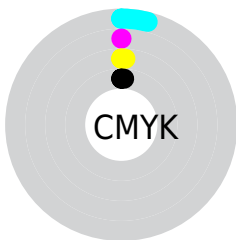
Distribution



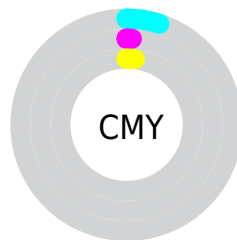
- Red (95%)
- Green (99%)
- Blue (98%)



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



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




- Cyan (5%)
- Magenta (1%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 88.8714, 95.5150, 103.3748 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 88.8714, 95.5150, 103.3748 by changing the saturation by 10% instead.


 88.8714, 95.5150,
103.3748

 88.8714, 95.5150,
103.3748


512.6455,
545.8124, 592.2981

 67.3782, 72.5637,
78.4894


144.6561,
154.9759, 167.8794

 49.6638, 53.6193,
57.9573


179.6782,
192.2543, 208.3358

 35.3631, 38.2974,
41.3598


219.9406,
235.0771, 254.8195

 24.1105, 26.2136,
28.2785

265.8088,
283.8289, 307.7492

 15.5408, 16.9835,
18.2949

317.6480,
338.8939, 367.5433

 9.2886, 10.2227,
10.9903

375.8236,

 4.9885, 5.5469,

400.6565, 434.6205

5.9462

440.7010,
469.5012, 509.3993

■ 2.2752, 2.5716,
2.7441

■ 0.7819, 0.9124,
0.9655

■ 88.8714, 95.5150,
103.3748

■ 88.8714, 95.5150,
103.3748

■ 79.4829, 90.8259,
96.2438

■ 94.1022, 98.1044,
108.5841

■ 71.2949, 86.7463,
89.4694

■ 64.2579, 83.2534,
83.0473

■ 58.3154, 80.3183,
76.9706

■ 53.4064, 77.9095,
71.2323

■ 49.4632, 75.9924,
65.8250

■ 46.4102, 74.5278,
60.7406

■ 44.1595, 73.4708,
55.9707

■ 42.6046, 72.7665,
51.5055

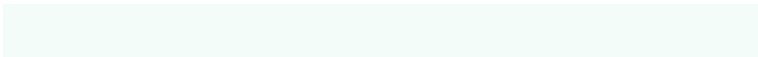
Harmonies

Analogous

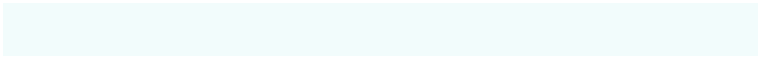
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



89.2341, 95.5150, 100.7338



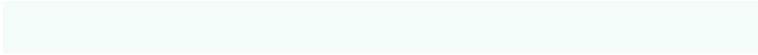
88.8714, 95.5150, 103.3748



89.0182, 95.5150, 106.2316

Triad

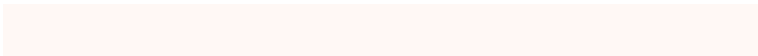
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



88.8714, 95.5150, 103.3748



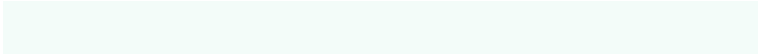
91.5602, 95.5150, 109.1739



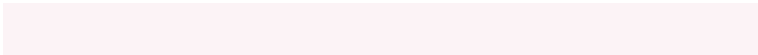
91.9415, 95.5150, 99.5985

Complementary

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



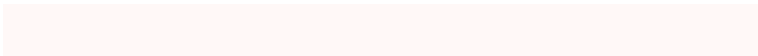
88.8714, 95.5150, 103.3748



88.8335, 91.4529, 100.1634

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.



92.5733, 95.5150, 101.7990



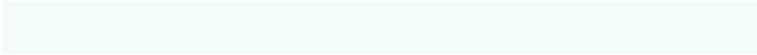
88.8714, 95.5150, 103.3748



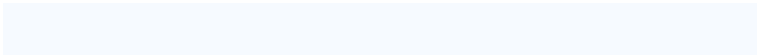
92.3520, 95.5150, 107.3353

Square

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



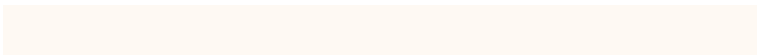
88.8714, 95.5150, 103.3748



90.5657, 95.5150, 109.6146



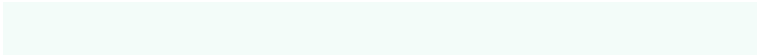
92.7241, 95.5150, 104.6269



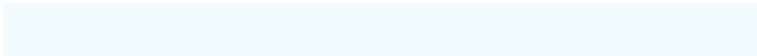
91.0029, 95.5150, 98.5797

Rectangle

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



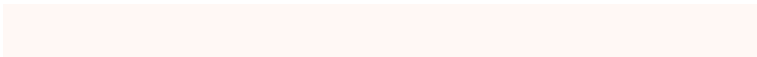
88.8714, 95.5150, 103.3748



89.3857, 95.5150, 107.8704



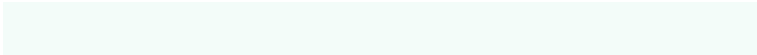
92.7241, 95.5150, 104.6269



92.1971, 95.5150, 100.2225

Sweetspot

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



88.8741, 95.5191, 103.3769



93.9814, 99.4649, 108.1366



89.0499, 95.7161, 98.5770



20.1271, 21.2952, 23.1538



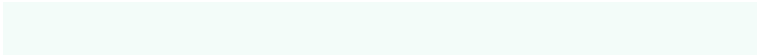
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

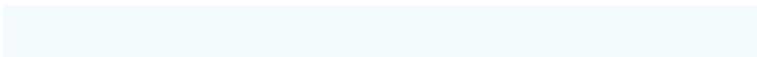
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.8741, 95.5191, 103.3769



90.8533, 97.8993, 105.8690



88.9239, 94.8627, 105.7238



18.4610, 19.9822, 21.5788



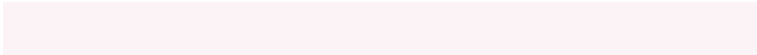
21.8827, 37.7661, 25.7892



2.0759, 3.5175, 2.6475

Inverse Universe

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



88.8335, 91.4529, 100.1634



90.8067, 93.2338, 102.1820



88.7817, 92.0813, 97.8895



18.4497, 18.8544, 20.6875



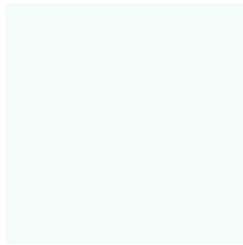
21.8078, 11.1389, 5.6965



2.0668, 1.0505, 0.7753

Previews

White Background



This preview shows how the XYZ color 88.8714, 95.5150, 103.3748 looks on a white background.

Color Contrast Check

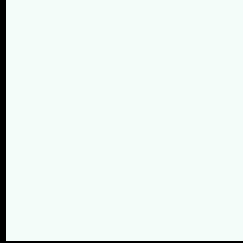
Large Text (above 18pt) WCAG AA × Fail

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 88.8714, 95.5150, 103.3748 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

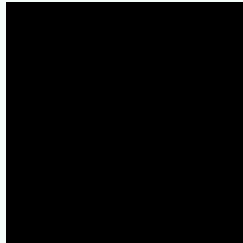
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 88.8714, 95.5150, 103.3748

Background



This preview shows how black text looks on a background with the XYZ color 88.8714, 95.5150, 103.3748.



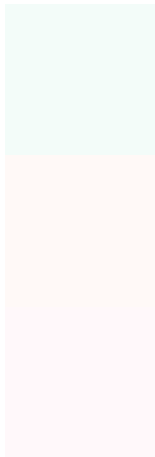
This preview shows how white text looks on a background with the XYZ color 88.8714, 95.5150,

103.3748.

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

88.8714, 95.5150, 103.3748

Protanopia

91.9042, 95.7268, 101.6289

Deuteranopia

92.0627, 95.2969, 103.9844

Tritanopia

91.3025, 95.7310, 108.2735

Trichromacy



Original Color

88.8714, 95.5150, 103.3748

Protanomaly

90.9125, 95.6578, 102.4791

Deuteranomaly

90.9147, 95.1627, 104.0190

Tritanomaly

90.5846, 95.8604, 106.6571

Monochromacy



Original Color

88.8714, 95.5150, 103.3748

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 88.8714, 95.5150, 103.3748 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, 249) looks like.

```
.text, #text, p{  
    color:rgb(243, 252, 249)  
}
```

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, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 252, 249) }
```

Border

The CSS property to change the border of an element to XYZ 88.8714, 95.5150, 103.3748 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, 249) }
```


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

```
.border{ border-color:rgb(243, 252, 249) }
```

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, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 252, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 252, 249);  
box-shadow:4px 4px 4px 4px rgb(243, 252,  
249) }
```

Background

The CSS property to change the background color of an element to XYZ 88.8714, 95.5150, 103.3748 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, 249) }
```

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

```
.background{ background-color: rgb(243,  
252, 249) }
```

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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