

Converting Colors

XYZ(88.6494, 95.4254,
104.3911)

Have a look what the booklet for
XYZ(88.6494, 95.4254, 104.3911)
contains.

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Color

**XYZ(88.6837, 95.4002,
104.1824)**

Conversions

Conversions Part 1

Format	Color
Hex	F2FCFA
RGB	242, 252, 250
RGB Percent	95%, 99%, 98%
CMY	0.0510, 0.0117, 0.0196
CMYK	0.04, 0.00, 0.01, 0.01
HSL	168°, 63%, 97%
HSV	168°, 4%, 99%
XYZ	88.6837, 95.4002, 104.1824
YIQ	248.7820, -5.3180, -2.7420

Conversions

Conversions Part 2

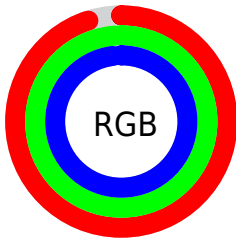
Format	Color
R _{YB}	242, 248, 252
Decimal	15924474
CIE Lab	98.19, -3.63, -0.19
CIE LCh	98, 3.635, 183.064
Yxy	95.4002, 0.3076, 0.3309
Android (android.graphics.Color)	4294114554 (0xFFFF2FCFA)
YUV	248.7820, 0.6005, -5.9478
Hunter-Lab	97.6730, -8.8560, 5.1298

Details

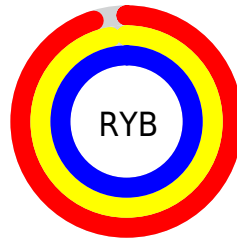
The XYZ color 88.6837, 95.4002, 104.1824 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 88.2297, 90.7339, 98.4559, and the grayscale version is 89.8643, 94.5442, 102.9586.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 49.5024, 53.3644, 58.7302 is the 20% darker color. If you saturate the color by 10%, you get 79.8428, 90.9355, 99.6930, and if you desaturate by 10%, it is 94.1022, 98.1045, 108.5841.

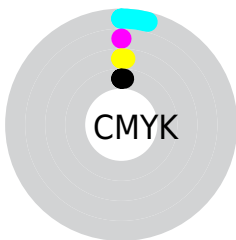
Distribution



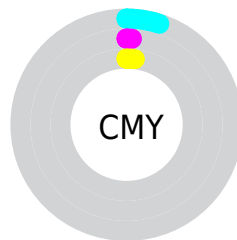
- Red (95%)
- Green (99%)
- Blue (98%)



- 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 88.6837, 95.4002, 104.1824 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 88.6837, 95.4002, 104.1824 by changing the saturation by 10% instead.


 88.6837, 95.4002,
104.1824

 88.6837, 95.4002,
104.1824


512.0416,
545.4454, 594.8810

 67.2221, 72.4681,
79.1617


144.3963,
154.8174, 168.9948

 49.5365, 53.5412,
58.5067

179.3780,
192.0713, 209.6236

 35.2615, 38.2349,
41.7987


219.5972,
234.8678, 256.2922

 24.0319, 26.1651,
28.6193


265.4191,
283.5916, 309.4192

 15.4821, 16.9472,
18.5499

317.2091,
338.6268, 369.4230

 9.2470, 10.1968,
11.1720

375.3326,

 4.9610, 5.5297,

400.3579, 436.7222

6.0670

440.1550,
469.1693, 511.7354

■ 2.2589, 2.5613,
2.8164

■ 0.7735, 0.9072,
1.0017

■ 88.6837, 95.4002,
104.1824

■ 88.6837, 95.4002,
104.1824

■ 79.8428, 90.9355,
99.6930

■ 94.1022, 98.1045,
108.5841

■ 72.1635, 87.0645,
95.3658

■ 65.5968, 83.7646,
91.1995

■ 60.0867, 81.0071,
87.1907

■ 55.5724, 78.7605,
83.3358

■ 51.9868, 76.9904,
79.6305

■ 49.2544, 75.6578,
76.0706

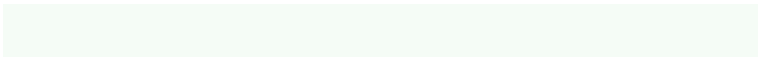
■ 47.2877, 74.7175,
72.6509

■ 45.9796, 74.1145,
69.3656

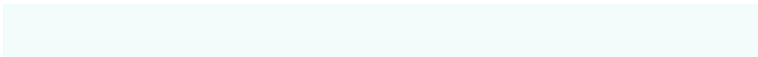
Harmonies

Analogous

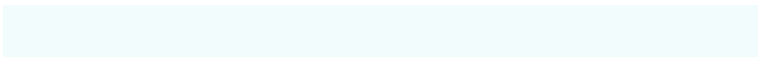
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.8958, 95.4002, 101.2900



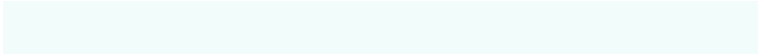
88.6837, 95.4002, 104.1824



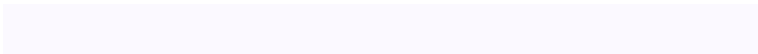
89.0018, 95.4002, 107.0453

Triad

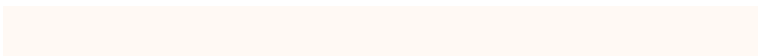
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



88.6837, 95.4002, 104.1824



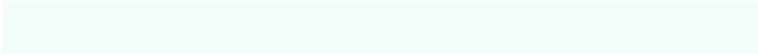
91.7755, 95.4002, 108.7714



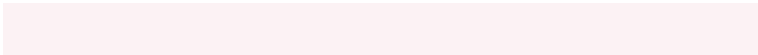
91.5881, 95.4002, 98.8293

Complementary

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



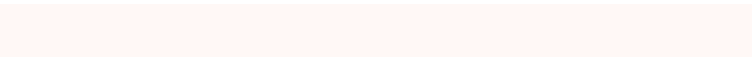
88.6837, 95.4002, 104.1824



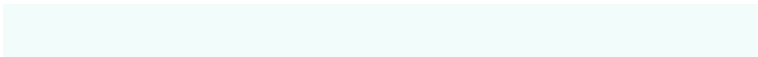
88.2297, 90.7339, 98.4559

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.



92.3691, 95.4002, 100.7672



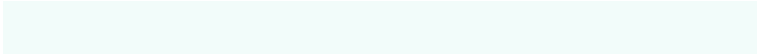
88.6837, 95.4002, 104.1824



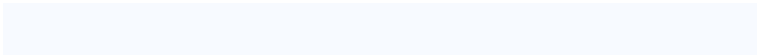
92.4779, 95.4002, 106.5028

Square

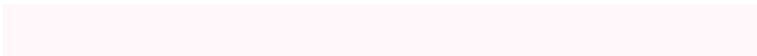
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



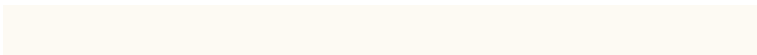
88.6837, 95.4002, 104.1824



90.7824, 95.4002, 109.7265



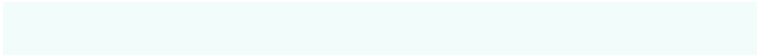
92.6959, 95.4002, 103.5674



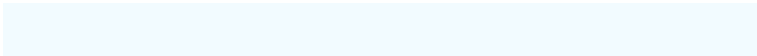
90.5677, 95.4002, 98.2346

Rectangle

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



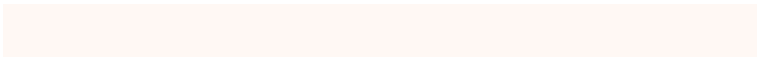
88.6837, 95.4002, 104.1824



89.4731, 95.4002, 108.5416



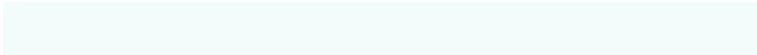
92.6959, 95.4002, 103.5674



91.8876, 95.4002, 99.3433

Sweetspot

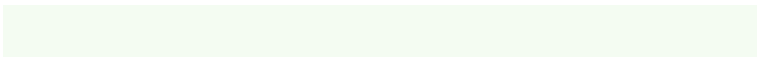
The Sweet Spot groups the original color and five complimentary colors.



88.6864, 95.4043, 104.1845



94.0359, 99.4867, 108.4238



88.2066, 95.2988, 97.7514



20.1382, 21.2997, 23.2122



0.0000, 0.0000, 0.0000



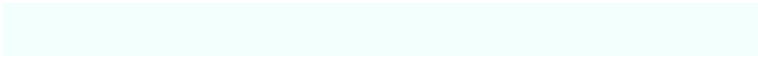
20.3446, 21.4041, 23.3091

Same Dimension

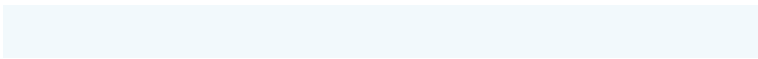
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.6864, 95.4043, 104.1845



90.1053, 97.4981, 106.5363



88.1189, 93.7636, 105.5541



18.3277, 19.9092, 21.7632



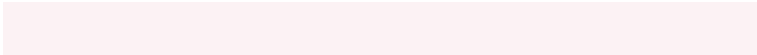
23.7108, 38.4973, 35.4158



2.2325, 3.5801, 3.4724

Inverse Universe

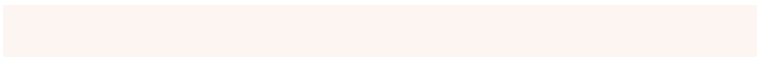
The Inverse Universe completely reimagines the original color for something new.



88.2297, 90.7339, 98.4559



89.5181, 91.4938, 99.1715



88.7772, 92.3133, 97.1451



18.1914, 18.5154, 20.0536



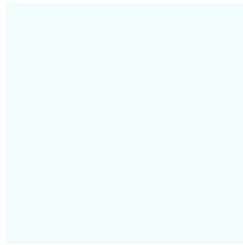
21.2586, 10.9192, 2.8042



2.0048, 1.0256, 0.4485

Previews

White Background



This preview shows how the XYZ color 88.6837, 95.4002, 104.1824 looks on a white background.

Color Contrast Check

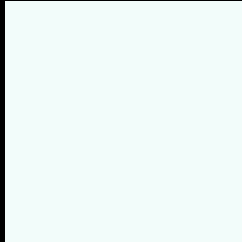
Large Text (above 18pt) WCAG AA × Fail

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 88.6837, 95.4002, 104.1824 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

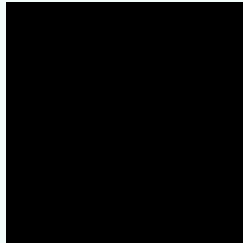
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

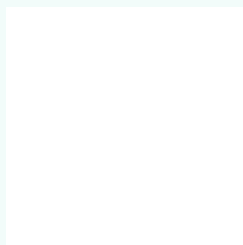
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 88.6837, 95.4002, 104.1824

Background



This preview shows how black text looks on a background with the XYZ color 88.6837, 95.4002, 104.1824.

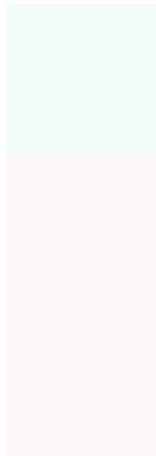


This preview shows how white text looks on a background with the XYZ color 88.6837, 95.4002,

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

88.6837, 95.4002, 104.1824

Protanopia

91.3837, 94.9829, 102.3240

Deuteranopia

92.0627, 95.2969, 103.9844

Tritanopia

90.9470, 95.5477, 108.2569

Trichromacy



Original Color

88.6837, 95.4002, 104.1824

Protanomaly

90.3989, 94.9149, 103.1784

Deuteranomaly

90.5553, 94.9775, 104.0022

Tritanomaly

90.2328, 95.6790, 106.6406

Monochromacy



Original Color

88.6837, 95.4002, 104.1824

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 88.6837, 95.4002, 104.1824 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, 250)` looks like.

```
.text, #text, p{  
    color:rgb(242, 252, 250)  
}
```

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, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 252, 250) }
```

Border

The CSS property to change the border of an element to XYZ 88.6837, 95.4002, 104.1824 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, 250) }
```


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

```
.border{ border-color:rgb(242, 252, 250) }
```

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, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 252, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 252, 250);  
box-shadow:4px 4px 4px 4px rgb(242, 252,  
250) }
```

Background

The CSS property to change the background color of an element to XYZ 88.6837, 95.4002, 104.1824 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, 250) }
```

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

```
.background{ background-color: rgb(242,  
252, 250) }
```

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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