

Converting Colors

XYZ(88.7968, 95.0934,
104.6178)

Have a look what the booklet for
XYZ(88.7968, 95.0934, 104.6178)
contains.

XYZ(88.8719, 95.0141, 104.9223)	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(88.8719, 95.0141,
104.9223)**

Conversions

Conversions Part 1

Format	Color
Hex	F3FBFB
RGB	243, 251, 251
RGB Percent	95%, 98%, 98%
CMY	0.0471, 0.0157, 0.0157
CMYK	0.03, 0.00, 0.00, 0.02
HSL	180°, 50%, 97%
HSV	180°, 3%, 98%
XYZ	88.8719, 95.0141, 104.9223
YIQ	248.6080, -4.7680, -1.6960

Conversions

Conversions Part 2

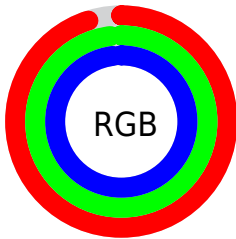
Format	Color
R _Y B	243, 247, 251
Decimal	15989755
CIE Lab	98.04, -2.62, -0.93
CIE LCh	98, 2.778, 199.462
Yxy	95.0141, 0.3077, 0.3290
Android (android.graphics.Color)	4294179835 (0xFF3FBFBF)
YUV	248.6080, 1.1793, -4.9182
Hunter-Lab	97.4752, -7.8362, 4.4129

Details

The XYZ color 88.8719, 95.0141, 104.9223 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 88.0154, 91.0839, 97.7406, and the grayscale version is 89.7166, 94.3889, 102.7895.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 49.8589, 53.5351, 59.3352 is the 20% darker color. If you saturate the color by 10%, you get 80.7937, 90.8525, 104.5356, and if you desaturate by 10%, it is 93.1539, 97.2240, 105.1352.

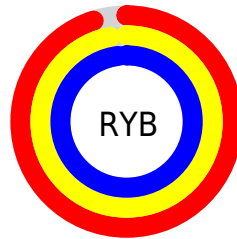
Distribution



Red (95%)

Green (98%)

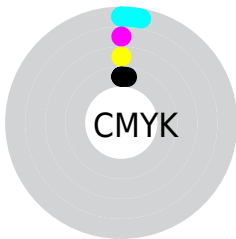
Blue (98%)



Red (95%)

Yellow (97%)

Blue (98%)

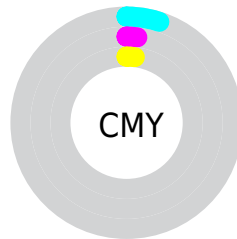


Cyan (3%)

Magenta (0%)

Yellow (0%)

Black (2%)



Cyan (5%)

Magenta (2%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 88.8719, 95.0141, 104.9223 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 88.8719, 95.0141, 104.9223 by changing the saturation by 10% instead.

88.8719, 95.0141,
104.9223

88.8719, 95.0141,
104.9223

512.6471,
544.2101, 597.2423

67.3786, 72.1467,
79.7780

144.6567,
154.2841, 170.0159

49.6642, 53.2785,
59.0106

179.6790,
191.4555, 210.8023

35.3633, 38.0252,
42.2016

219.9416,
234.1636, 257.6397

24.1107, 26.0022,
28.9324

265.8098,
282.7930, 310.9468

15.5410, 16.8253,
18.7846

317.6492,
337.7279, 371.1421

9.2887, 10.1100,
11.3395

375.8249,

4.9886, 5.4720,

399.3528, 438.6441

6.1786

440.7024,
468.0521, 513.8713

■ 2.2752, 2.5268,
2.8835

■ 0.7820, 0.8900,
1.0354

■ 88.8719, 95.0141,
104.9223

■ 88.8719, 95.0141,
104.9223

■ 80.7937, 90.8525,
104.5356

■ 93.1539, 97.2240,
105.1352

■ 73.8493, 87.2728,
104.2001

■ 93.1559, 97.2248,
105.1459

■ 67.9904, 84.2527,
103.9153

■ 93.1580, 97.2256,
105.1566

■ 63.1622, 81.7639,
103.6788

■ 93.1600, 97.2264,
105.1673

■ 59.3051, 79.7757,
103.4877

■ 93.1620, 97.2272,
105.1779

■ 56.3532, 78.2542,
103.3390

■ 93.1640, 97.2280,
105.1886

■ 54.2329, 77.1613,
103.2291

■ 93.1661, 97.2288,
105.1993

■ 52.8586, 76.4531,
103.1543

■ 93.1681, 97.2297,
105.2100

■ 52.1265, 76.0759,
103.1094

■ 93.1701, 97.2305,
105.2206

Harmonies

Analogous

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



88.8109, 95.0141, 102.6542



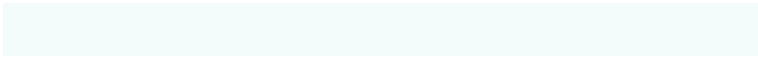
88.8719, 95.0141, 104.9223



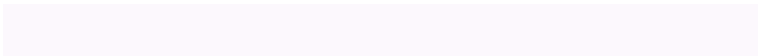
89.3164, 95.0141, 106.8231

Triad

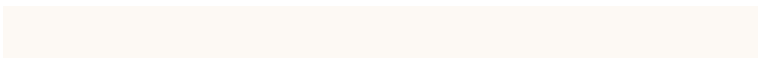
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



88.8719, 95.0141, 104.9223



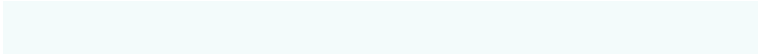
91.4768, 95.0141, 106.3309



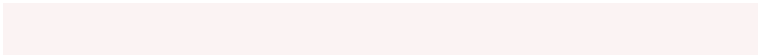
90.5884, 95.0141, 99.2022

Complementary

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



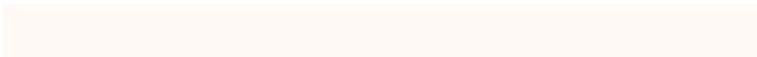
88.8719, 95.0141, 104.9223



88.0154, 91.0839, 97.7406

Split Complementary

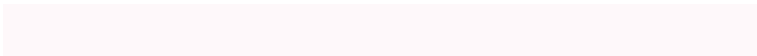
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



91.3070, 95.0141, 100.1569



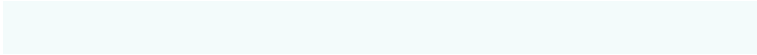
88.8719, 95.0141, 104.9223



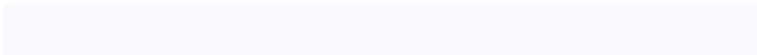
91.8219, 95.0141, 104.2583

Square

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



88.8719, 95.0141, 104.9223



90.8192, 95.0141, 107.6446



91.7596, 95.0141, 101.9999



89.7988, 95.0141, 99.3740

Rectangle

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



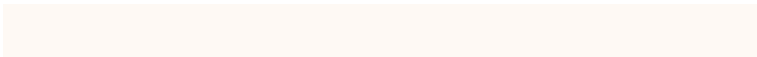
88.8719, 95.0141, 104.9223



89.7719, 95.0141, 107.6156



91.7596, 95.0141, 101.9999



90.8464, 95.0141, 99.4014

Sweetspot

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



88.8746, 95.0182, 104.9244



94.1178, 99.5195, 108.8553



87.6857, 94.5479, 98.4234



20.1549, 21.3063, 23.3000



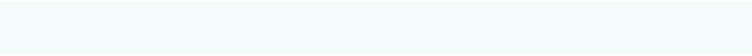
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

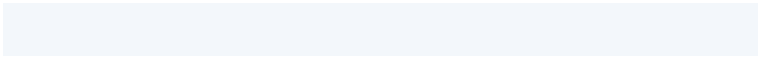
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.8746, 95.0182, 104.9244



91.3956, 98.1162, 108.7246



87.6790, 92.6258, 104.5290



18.5925, 20.0348, 22.2714



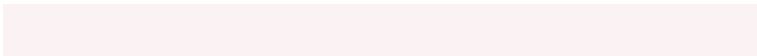
27.2754, 39.9232, 54.1871



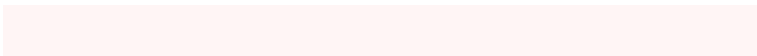
2.5263, 3.6976, 5.0193

Inverse Universe

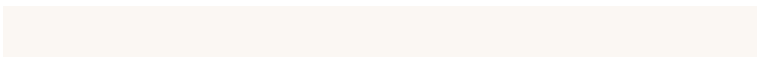
The Inverse Universe completely reimagines the original color for something new.



88.0154, 91.0839, 97.7406



90.2836, 93.0245, 99.4275



89.1848, 93.4238, 98.1274



18.3237, 18.8040, 20.0240



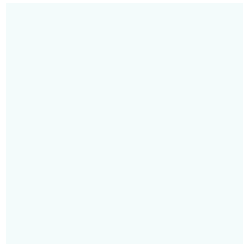
20.9124, 10.7807, 0.9814



1.9370, 0.9985, 0.0915

Previews

White Background



This preview shows how the XYZ color 88.8719, 95.0141, 104.9223 looks on a white background.

Color Contrast Check

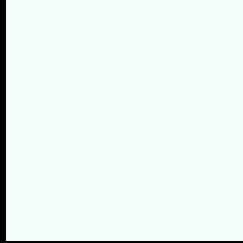
Large Text (above 18pt) WCAG AA × Fail

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 88.8719, 95.0141, 104.9223 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 88.8719, 95.0141, 104.9223

Background



This preview shows how black text looks on a background with the XYZ color 88.8719, 95.0141, 104.9223.

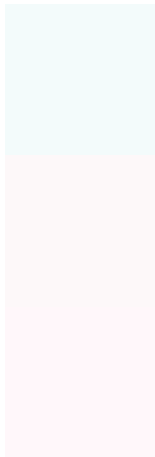


This preview shows how white text looks on a background with the XYZ color 88.8719, 95.0141,

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

88.8719, 95.0141, 104.9223

Protanopia

91.1743, 94.8570, 103.1264

Deuteranopia

91.7561, 94.6837, 103.8822

Tritanopia

90.6371, 94.9278, 108.1536

Trichromacy



Original Color

88.8719, 95.0141, 104.9223

Protanomaly

90.1979, 94.7932, 103.9855

Deuteranomaly

90.6064, 94.5462, 103.9162

Tritanomaly

90.0810, 95.1198, 107.3781

Monochromacy



Original Color

88.8719, 95.0141, 104.9223

Achromatopsia

90.0415, 94.7307, 103.1617

Achromatomaly

89.7987, 95.0475, 104.0556

CSS Examples

Text

The CSS property to change the color of the text to XYZ 88.8719, 95.0141, 104.9223 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, 251, 251)` looks like.

```
.text, #text, p{  
    color:rgb(243, 251, 251)  
}
```

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, 251, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 251, 251) }
```

Border

The CSS property to change the border of an element to XYZ 88.8719, 95.0141, 104.9223 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, 251, 251) }
```


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

```
.border{ border-color:rgb(243, 251, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 251, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 251, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 251, 251);  
box-shadow:4px 4px 4px 4px rgb(243, 251,  
251) }
```

Background

The CSS property to change the background color of an element to XYZ 88.8719, 95.0141, 104.9223 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 251, 251) }
```

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

```
.background{ background-color: rgb(243,  
251, 251) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor