

Converting Colors

XYZ(88.5884, 94.9333,
103.5483)

Have a look what the booklet for
XYZ(88.5884, 94.9333, 103.5483)
contains.

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Color

**XYZ(88.5582, 94.8886,
103.2703)**

Conversions

Conversions Part 1

Format	Color
Hex	F3FBF9
RGB	243, 251, 249
RGB Percent	95%, 98%, 98%
CMY	0.0471, 0.0157, 0.0235
CMYK	0.03, 0.00, 0.01, 0.02
HSL	165°, 50%, 97%
HSV	165°, 3%, 98%
XYZ	88.5582, 94.8886, 103.2703
YIQ	248.3800, -4.1260, -2.3180

Conversions

Conversions Part 2

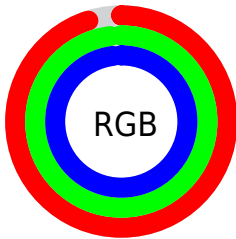
Format	Color
R_{YB}	243, 248, 251
Decimal	15989753
CIE _{Lab}	97.99, -2.98, 0.03
CIE _{LCh}	98, 2.979, 179.424
Yxy	94.8886, 0.3089, 0.3309
Android (android.graphics.Color)	4294179833 (0xFF3FBF9)
YUV	248.3800, 0.3057, -4.7183
Hunter-Lab	97.4108, -8.1907, 5.3311

Details

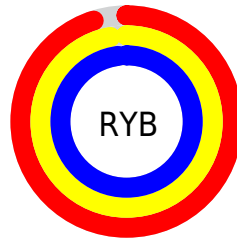
The XYZ color 88.5582, 94.8886, 103.2703 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 88.3192, 91.2055, 99.3404, and the grayscale version is 89.5363, 94.1992, 102.5829.

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 79.5178, 90.3422, 97.8167, and if you desaturate by 10%, it is 93.7890, 97.4780, 108.4797.

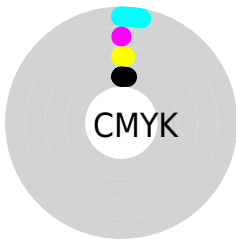
Distribution



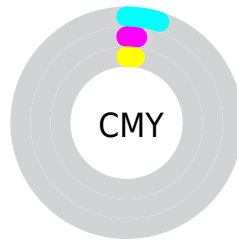
- Red (95%)
- Green (98%)
- Blue (98%)



- Red (95%)
- Yellow (97%)
- Blue (98%)



- Cyan (3%)
- Magenta (0%)
- Yellow (1%)
- Black (2%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 88.5582, 94.8886, 103.2703 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 88.5582, 94.8886, 103.2703 by changing the saturation by 10% instead.

88.5582, 94.8886,
103.2703

88.5582, 94.8886,
103.2703

511.6376,
543.8083, 591.9634

67.1178, 72.0423,
78.4024

144.2226,
154.1107, 167.7351

49.4514, 53.1932,
57.8862

179.1773,
191.2552, 208.1690

35.1937, 37.9570,
41.3031

219.3674,
233.9346, 254.6288

23.9793, 25.9493,
28.2345

265.1584,
282.5333, 307.5329

15.4429, 16.7857,
18.2619

316.9155,
337.4356, 367.2999

9.2192, 10.0818,
10.9668

375.0042,

4.9427, 5.4533,

399.0259, 434.3483

5.9306

439.7898,
467.6887, 509.0966

■ 2.2481, 2.5156,
2.7348

■ 0.7679, 0.8844,
0.9609

■ 88.5582, 94.8886,
103.2703

■ 88.5582, 94.8886,
103.2703

■ 79.5178, 90.3422,
97.8167

■ 93.7890, 97.4780,
108.4797

■ 71.6437, 86.3905,
92.5854

■ 64.8872, 83.0114,
87.5742

■ 59.1933, 80.1763,
82.7789

■ 54.5020, 77.8544,
78.1949

■ 50.7471, 76.0117,
73.8176

■ 47.8546, 74.6100,
69.6414

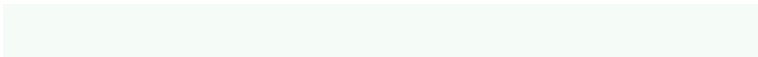
■ 45.7386, 73.6051,
65.6608

■ 44.2949, 72.9433,
61.8689

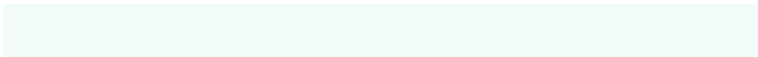
Harmonies

Analogous

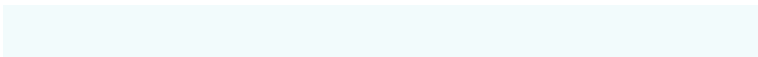
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.7837, 94.8886, 100.9459



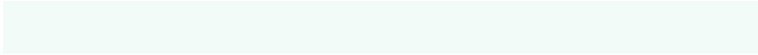
88.5582, 94.8886, 103.2703



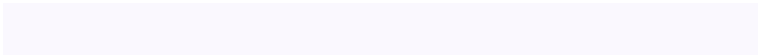
88.7673, 94.8886, 105.6430

Triad

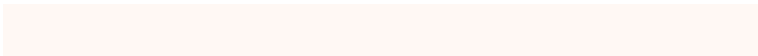
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



88.5582, 94.8886, 103.2703



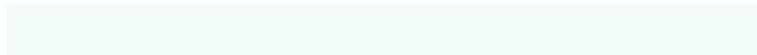
90.9971, 94.8886, 107.4643



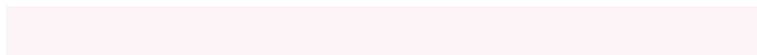
91.0259, 94.8886, 99.3249

Complementary

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



88.5582, 94.8886, 103.2703



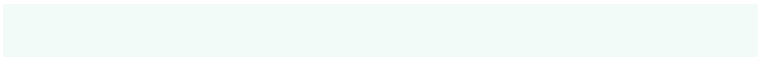
88.3192, 91.2055, 99.3404

Split Complementary

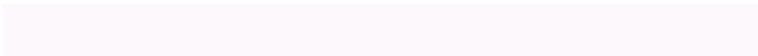
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



91.6253, 94.8886, 101.0265



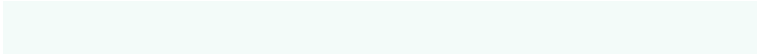
88.5582, 94.8886, 103.2703



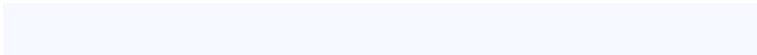
91.6086, 94.8886, 105.7261

Square

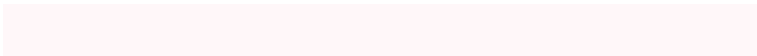
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



88.5582, 94.8886, 103.2703



90.1723, 94.8886, 108.0874



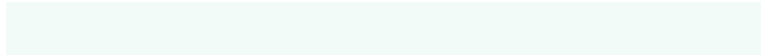
91.8392, 94.8886, 103.3648



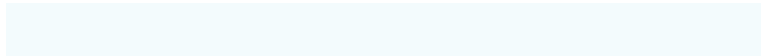
90.2053, 94.8886, 98.6902

Rectangle

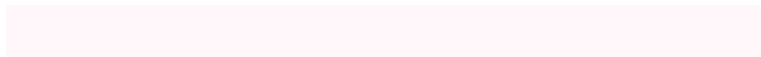
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



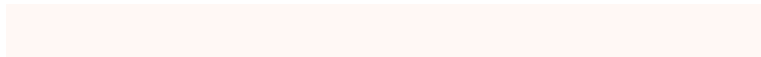
88.5582, 94.8886, 103.2703



89.1258, 94.8886, 106.9275



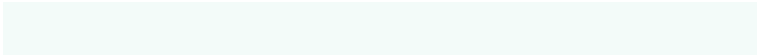
91.8392, 94.8886, 103.3648



91.2601, 94.8886, 99.7898

Sweetspot

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



88.5609, 94.8927, 103.2724



94.0154, 99.4785, 108.3159



88.3806, 94.9061, 98.4559



20.1341, 21.2980, 23.1902



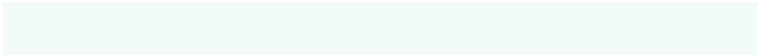
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



88.5609, 94.8927, 103.2724



90.9879, 97.9531, 106.5778



88.2947, 93.8572, 104.7342



18.4936, 19.9952, 21.7505



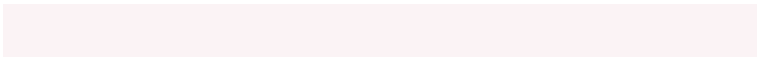
22.9746, 38.2028, 31.5390



2.1701, 3.5552, 3.1438

Inverse Universe

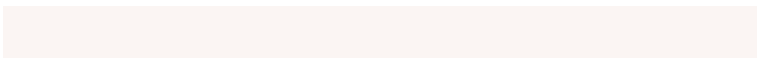
The Inverse Universe completely reimagines the original color for something new.



88.3192, 91.2055, 99.3404



90.6751, 93.1811, 101.4890



88.5766, 92.2073, 97.9247



18.4180, 18.8417, 20.5204



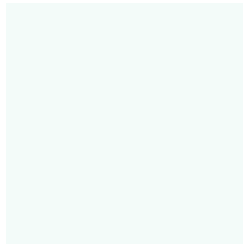
21.4300, 10.9877, 3.7070



2.0254, 1.0339, 0.5569

Previews

White Background



This preview shows how the XYZ color 88.5582, 94.8886, 103.2703 looks on a white background.

Color Contrast Check

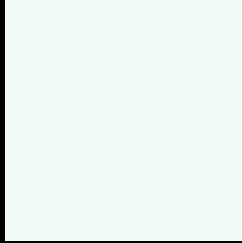
Large Text (above 18pt) WCAG AA × Fail

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 88.5582, 94.8886, 103.2703 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

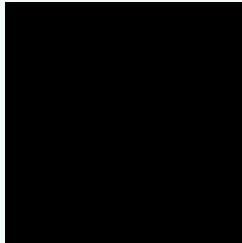
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

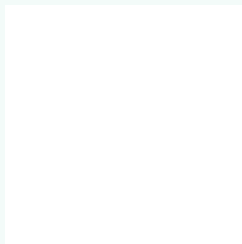
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 88.5582, 94.8886, 103.2703

Background



This preview shows how black text looks on a background with the XYZ color 88.5582, 94.8886, 103.2703.

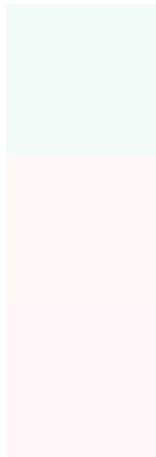


This preview shows how white text looks on a background with the XYZ color 88.5582, 94.8886,

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

88.5582, 94.8886, 103.2703

Protanopia

91.2290, 94.9210, 101.5090

Deuteranopia

91.7561, 94.6837, 103.8822

Tritanopia

90.6371, 94.9278, 108.1536

Trichromacy



Original Color

88.5582, 94.8886, 103.2703

Protanomaly

90.2433, 94.8527, 102.3590

Deuteranomaly

90.6064, 94.5462, 103.9162

Tritanomaly

89.9213, 95.0559, 106.5368

Monochromacy



Original Color

88.5582, 94.8886, 103.2703

Achromatopsia

89.2221, 93.8686, 102.2229

Achromatomaly

88.8250, 94.1215, 102.2926

CSS Examples

Text

The CSS property to change the color of the text to XYZ 88.5582, 94.8886, 103.2703 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, 249)` looks like.

```
.text, #text, p{  
    color:rgb(243, 251, 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, 251, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 251, 249) }
```

Border

The CSS property to change the border of an element to XYZ 88.5582, 94.8886, 103.2703 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, 249) }
```


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

```
.border{ border-color:rgb(243, 251, 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, 251, 249) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 251, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 251, 249);  
box-shadow:4px 4px 4px 4px rgb(243, 251,  
249) }
```

Background

The CSS property to change the background color of an element to XYZ 88.5582, 94.8886, 103.2703 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, 249) }
```

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

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