

Converting Colors

XYZ(88.2578, 93.4557,
105.3072)

Have a look what the booklet for
XYZ(88.2578, 93.4557, 105.3072)
contains.

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Color

**XYZ(88.1002, 93.2178,
105.4449)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | F3F8FC |
| RGB | 243, 248, 252 |
| RGB Percent | 95%, 97%, 99% |
| CMY | 0.0471, 0.0274, 0.0118 |
| CMYK | 0.04, 0.02, 0.00, 0.01 |
| HSL | 207°, 60%, 97% |
| HSV | 207°, 4%, 99% |
| XYZ | 88.1002, 93.2178, 105.4449 |
| YIQ | 246.9610, -4.2640, 0.1840 |

Conversions

Conversions Part 2

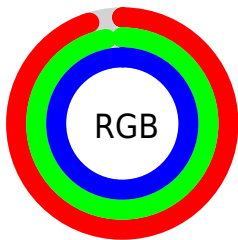
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 243, 246, 252 |
| Decimal | 15988988 |
| CIE Lab | 97.32, -0.92, -2.50 |
| CIE LCh | 97, 2.665, 249.767 |
| Yxy | 93.2178, 0.3072, 0.3251 |
| Android (android.graphics.Color) | 4294179068 (0xFFFF3F8FC) |
| YUV | 246.9610, 2.4842, -3.4738 |
| Hunter-Lab | 96.5494, -6.0822, 2.8319 |

Details

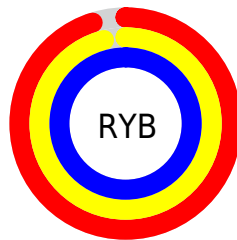
The XYZ color 88.1002, 93.2178, 105.4449 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 89.5834, 93.6869, 98.1571, and the grayscale version is 88.3616, 92.9633, 101.2371.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 49.1935, 52.2042, 59.1134 is the 20% darker color. If you saturate the color by 10%, you get 76.6565, 82.3660, 103.9549, and if you desaturate by 10%, it is 94.5710, 99.8084, 106.3774.

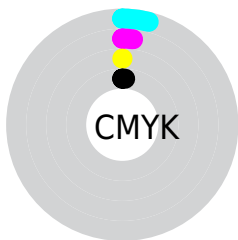
Distribution



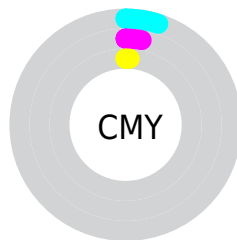
- Red (95%)
- Green (97%)
- Blue (99%)



- Red (95%)
- Yellow (96%)
- Blue (99%)



- Cyan (4%)
- Magenta (2%)
- Yellow (0%)
- Black (1%)



- Cyan (5%)
- Magenta (3%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 88.1002, 93.2178, 105.4449 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 88.1002, 93.2178, 105.4449 by changing the saturation by 10% instead.

88.1002, 93.2178,
105.4449

88.1002, 93.2178,
105.4449

510.1618,
538.4436, 598.9072

66.7371, 70.6525,
80.2134

143.5885,
151.8001, 170.7367

49.1409, 52.0587,
59.3668

178.4444,
188.5860, 211.6341

34.9463, 37.0519,
42.4865

218.5286,
230.8808, 258.5905

23.7878, 25.2476,
29.1540

264.2064,
279.0690, 312.0245

15.3002, 16.2617,
18.9508

315.8434,
333.5350, 372.3546

9.1180, 9.7095,
11.4583

373.8046,

4.8760, 5.2068,

394.6632, 439.9994

6.2579

438.4557,
462.8379, 515.3774

■ 2.2087, 2.3691,
2.9312

■ 0.7473, 0.8099,
1.0596

■ 88.1002, 93.2178,
105.4449

■ 88.1002, 93.2178,
105.4449

■ 76.6565, 82.3660,
103.9549

94.5710, 99.8084,
106.3774

■ 66.5574, 72.5049,
102.5838

■ 57.7506, 63.6044,
101.3300

■ 50.1765, 55.6284,
100.1896

■ 43.7710, 48.5381,
99.1587

■ 38.4635, 42.2910,
98.2326

■ 34.1747, 36.8403,
97.4066

■ 30.8138, 32.1327,
96.6750

■ 28.2703, 28.1049,
96.0316

Harmonies

Analogous

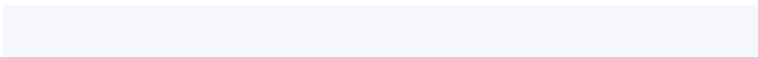
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



87.4908, 93.2178, 104.1780



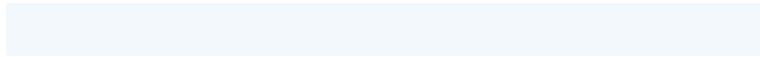
88.1002, 93.2178, 105.4449



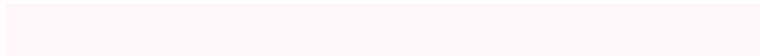
88.8469, 93.2178, 105.6461

Triad

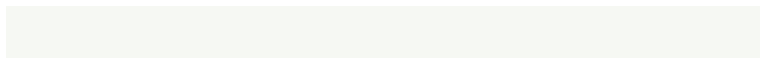
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



88.1002, 93.2178, 105.4449



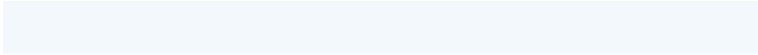
90.0374, 93.2178, 100.7955



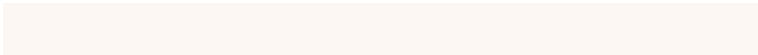
87.6764, 93.2178, 98.3397

Complementary

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



88.1002, 93.2178, 105.4449



89.5834, 93.6869, 98.1571

Split Complementary

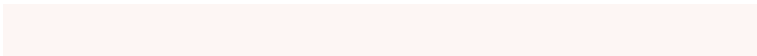
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



88.3550, 93.2178, 97.4606



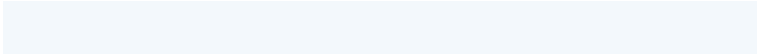
88.1002, 93.2178, 105.4449



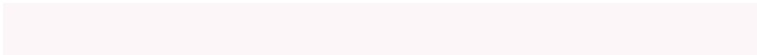
89.7200, 93.2178, 98.8651

Square

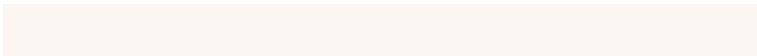
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



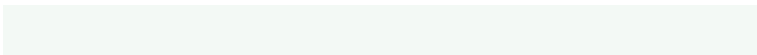
88.1002, 93.2178, 105.4449



89.9682, 93.2178, 102.9413



89.1031, 93.2178, 97.6515



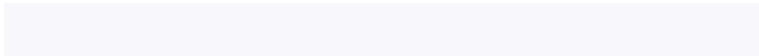
87.2471, 93.2178, 100.0689

Rectangle

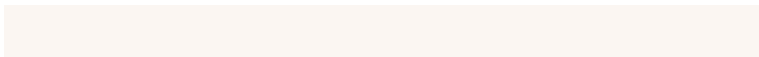
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



88.1002, 93.2178, 105.4449



89.3226, 93.2178, 105.1460



89.1031, 93.2178, 97.6515



87.8828, 93.2178, 97.9361

Sweetspot

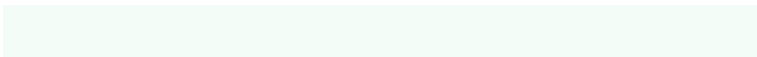
The Sweet Spot groups the original color and five complimentary colors.



88.1029, 93.2218, 105.4469



93.7579, 98.7993, 108.7363



88.5470, 95.3862, 101.6606



20.0817, 21.1598, 23.2758



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.



88.1029, 93.2218, 105.4469



89.9687, 95.2611, 108.2531



86.7646, 90.5452, 105.0009



18.2467, 19.3427, 22.1571



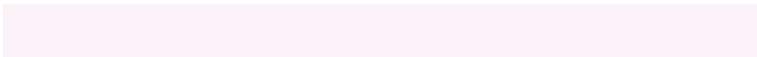
14.1964, 13.7484, 49.8790



1.4206, 1.4848, 4.6549

Inverse Universe

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



89.1408, 91.5756, 101.7894



91.1613, 93.3756, 104.0491



90.9462, 96.4125, 98.6114



18.5354, 18.8887, 21.1386



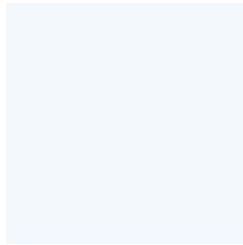
23.4577, 11.7988, 14.3846



2.2260, 1.1141, 1.6133

Previews

White Background



This preview shows how the XYZ color 88.1002, 93.2178, 105.4449 looks on a white background.

Color Contrast Check

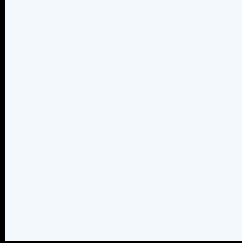
Large Text (above 18pt) WCAG AA × Fail

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 88.1002, 93.2178, 105.4449 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

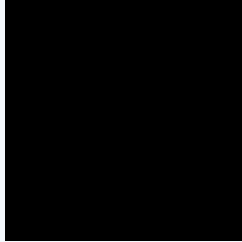
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

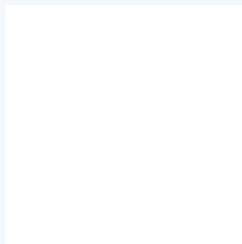
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 88.1002, 93.2178, 105.4449

Background



This preview shows how black text looks on a background with the XYZ color 88.1002, 93.2178, 105.4449.



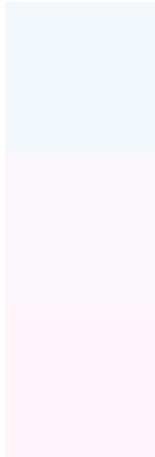
This preview shows how white text looks on a background with the XYZ color 88.1002, 93.2178, 105.4449.

105.449.

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

88.1002, 93.2178, 105.4449

Protanopia

89.7927, 93.2006, 104.5237

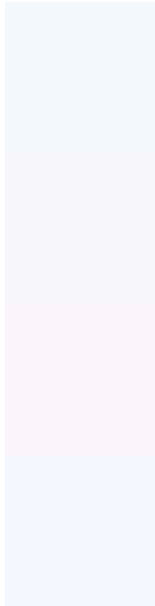
Deuteranopia

90.8460, 92.8635, 103.5788

Tritanopia

89.3168, 93.3344, 107.9156

Trichromacy



Original Color

88.1002, 93.2178, 105.4449

Protanomaly

89.0311, 93.2607, 104.5755

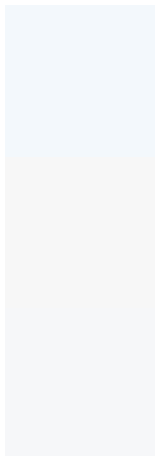
Deuteranomaly

89.8487, 92.7791, 104.4394

Tritanomaly

88.8063, 93.0898, 107.0535

Monochromacy



Original Color

88.1002, 93.2178, 105.4449

Achromatopsia

88.4070, 93.0111, 101.2891

Achromatomaly

88.3657, 92.9539, 102.9071

CSS Examples

Text

The CSS property to change the color of the text to XYZ 88.1002, 93.2178, 105.4449 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, 248, 252) looks like.

```
.text, #text, p{  
    color:rgb(243, 248, 252)  
}
```

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, 248, 252) colored shadow looks like.

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

Border

The CSS property to change the border of an element to XYZ 88.1002, 93.2178, 105.4449 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, 248, 252) }
```


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

```
.border{ border-color:rgb(243, 248, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 248, 252)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to XYZ 88.1002, 93.2178, 105.4449 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

```
.background{ background-color: rgb(243,  
248, 252) }
```

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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