

Converting Colors

XYZ(88.5865, 94.2453,
106.6548)

Have a look what the booklet for
XYZ(88.5865, 94.2453, 106.6548)
contains.

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Color

**XYZ(88.5332, 94.3403,
106.4718)**

Conversions

Conversions Part 1

Format	Color
Hex	F2FAFD
RGB	242, 250, 253
RGB Percent	95%, 98%, 99%
CMY	0.0510, 0.0196, 0.0078
CMYK	0.04, 0.01, 0.00, 0.01
HSL	196°, 73%, 97%
HSV	196°, 4%, 99%
XYZ	88.5332, 94.3403, 106.4718
YIQ	247.9500, -5.7310, -0.7630

Conversions

Conversions Part 2

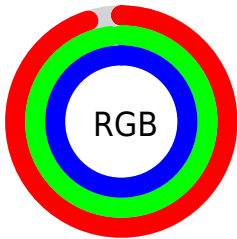
Format	Color
R _Y B	242, 247, 253
Decimal	15923965
CIE Lab	97.77, -2.08, -2.36
CIE LCh	98, 3.143, 228.644
Yxy	94.3403, 0.3060, 0.3260
Android (android.graphics.Color)	4294114045 (0xFFFF2FAFD)
YUV	247.9500, 2.4896, -5.2182
Hunter-Lab	97.1289, -7.2726, 2.9971

Details

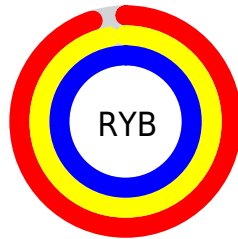
The XYZ color 88.5332, 94.3403, 106.4718 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 89.1877, 92.5975, 97.1783, and the grayscale version is 89.1683, 93.8120, 102.1612.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 49.5053, 53.0082, 59.8469 is the 20% darker color. If you saturate the color by 10%, you get 78.3415, 85.9679, 105.3944, and if you desaturate by 10%, it is 94.7299, 99.8720, 107.2144.

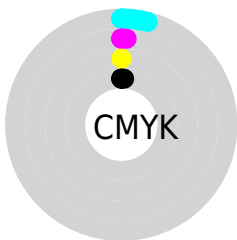
Distribution



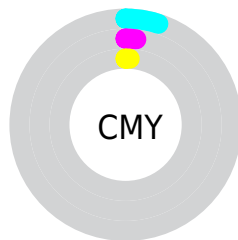
- Red (95%)
- Green (98%)
- Blue (99%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 88.5332, 94.3403, 106.4718 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 88.5332, 94.3403, 106.4718 by changing the saturation by 10% instead.

88.5332, 94.3403,
106.4718

88.5332, 94.3403,
106.4718

511.5571,
542.0509, 602.1715

67.0970, 71.5860,
81.0694

144.1880,
153.3529, 172.1520

49.4344, 52.8206,
60.0674

179.1373,
190.3800, 213.2669

35.1802, 37.6596,
43.0473

219.3217,
232.9335, 260.4564

23.9689, 25.7186,
29.5906

265.1065,
281.3978, 314.1390

15.4351, 16.6132,
19.2786

316.8570,
336.1573, 374.7333

9.2136, 9.9591,
11.6929

374.9388,

4.9390, 5.3719,

397.5964, 442.6578

6.4150

439.7170,
466.0994, 518.3310

■ 2.2459, 2.4671,
3.0262

■ 0.7668, 0.8601,
1.1080

■ 88.5332, 94.3403,
106.4718

■ 88.5332, 94.3403,
106.4718

■ 78.3415, 85.9679,
105.3944

94.7299, 99.8720,
107.2144

■ 69.3768, 78.3403,
104.3946

■ 61.5885, 71.4328,
103.4718

■ 54.9194, 65.2148,
102.6231

■ 49.3071, 59.6527,
101.8453

■ 44.6830, 54.7098,
101.1349

■ 40.9696, 50.3449,
100.4882

■ 38.0772, 46.5105,
99.9005

■ 35.8960, 43.1485,
99.3665

Harmonies

Analogous

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



88.0438, 94.3403, 104.3072



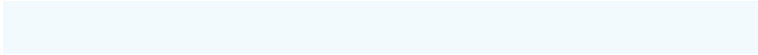
88.5332, 94.3403, 106.4718



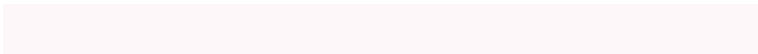
89.3285, 94.3403, 107.6383

Triad

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



88.5332, 94.3403, 106.4718



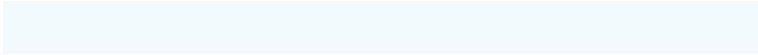
91.3687, 94.3403, 103.6960



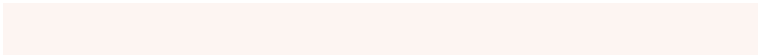
89.1176, 94.3403, 98.1124

Complementary

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



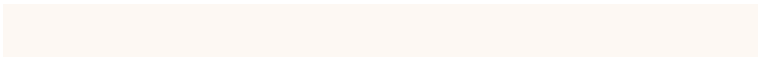
88.5332, 94.3403, 106.4718



89.1877, 92.5975, 97.1783

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.



90.0076, 94.3403, 97.9549



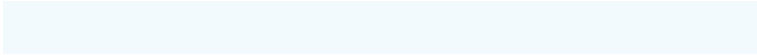
88.5332, 94.3403, 106.4718



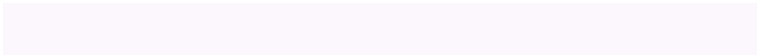
91.3113, 94.3403, 101.1501

Square

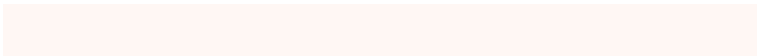
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



88.5332, 94.3403, 106.4718



90.9681, 94.3403, 106.0179



90.8117, 94.3403, 99.0585



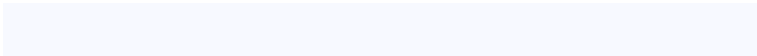
88.3796, 94.3403, 99.4923

Rectangle

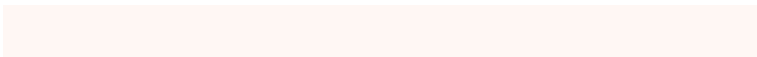
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



88.5332, 94.3403, 106.4718



89.9270, 94.3403, 107.6802



90.8117, 94.3403, 99.0585



89.4088, 94.3403, 97.9156

Sweetspot

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



88.5359, 94.3443, 106.4739



93.8969, 99.0772, 108.7827



88.2160, 95.7179, 100.1603



20.1100, 21.2163, 23.2852



0.0000, 0.0000, 0.0000



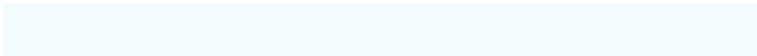
20.3446, 21.4041, 23.3091

Same Dimension

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



88.5359, 94.3443, 106.4739



89.4160, 95.4658, 108.3218



86.8705, 91.0136, 105.9188



18.9748, 20.3006, 23.1683



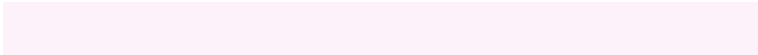
18.6872, 22.2840, 52.7509



1.9105, 2.3516, 5.1665

Inverse Universe

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



89.5176, 91.2909, 103.3500



90.5624, 91.9115, 104.6707



90.8569, 95.9358, 97.7347



19.2538, 19.4387, 22.2791



26.2206, 12.9775, 25.6101



2.5989, 1.2819, 2.7353

Previews

White Background



This preview shows how the XYZ color 88.5332, 94.3403, 106.4718 looks on a white background.

Color Contrast Check

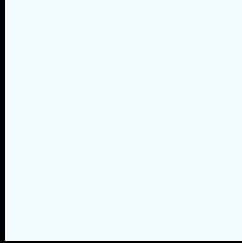
Large Text (above 18pt) WCAG AA × Fail

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 88.5332, 94.3403, 106.4718 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

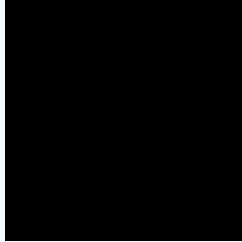
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

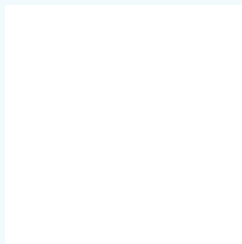
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 88.5332, 94.3403, 106.4718

Background



This preview shows how black text looks on a background with the XYZ color 88.5332, 94.3403, 106.4718.



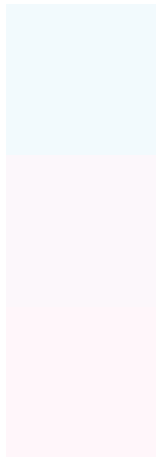
This preview shows how white text looks on a background with the XYZ color 88.5332, 94.3403,

106.4718.

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

88.5332, 94.3403, 106.4718

Protanopia

90.8182, 94.1820, 104.6591

Deuteranopia

91.4511, 94.0737, 103.7805

Tritanopia

89.9752, 94.1290, 108.0342

Trichromacy



Original Color

88.5332, 94.3403, 106.4718

Protanomaly

89.8495, 94.1195, 105.5268

Deuteranomaly

90.0977, 93.8106, 104.6254

Tritanomaly

89.4213, 94.3196, 107.2584

Monochromacy



Original Color

88.5332, 94.3403, 106.4718

Achromatopsia

89.2221, 93.8686, 102.2229

Achromatomaly

89.1370, 94.2463, 103.9358

CSS Examples

Text

The CSS property to change the color of the text to XYZ 88.5332, 94.3403, 106.4718 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, 250, 253) looks like.

```
.text, #text, p{  
    color:rgb(242, 250, 253)  
}
```

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, 250, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 250, 253) }
```

Border

The CSS property to change the border of an element to XYZ 88.5332, 94.3403, 106.4718 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, 250, 253) }
```


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

```
.border{ border-color:rgb(242, 250, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 250, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 250, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 250, 253);  
box-shadow:4px 4px 4px 4px rgb(242, 250,  
253) }
```

Background

The CSS property to change the background color of an element to XYZ 88.5332, 94.3403, 106.4718 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 250, 253) }
```

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

```
.background{ background-color: rgb(242,  
250, 253) }
```

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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