

Converting Colors

XYZ(88.6929, 94.4042,
107.3131)

Have a look what the booklet for
XYZ(88.6929, 94.4042, 107.3131)
contains.

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Color

**XYZ(88.6929, 94.4042,
107.3131)**

Conversions

Conversions Part 1

Format	Color
Hex	F2FAFE
RGB	242, 250, 254
RGB Percent	95%, 98%, 100%
CMY	0.0510, 0.0196, 0.0039
CMYK	0.05, 0.02, 0.00, 0.00
HSL	200°, 86%, 97%
HSV	200°, 5%, 100%
XYZ	88.6929, 94.4042, 107.3131
YIQ	248.0640, -6.0520, -0.4520

Conversions

Conversions Part 2

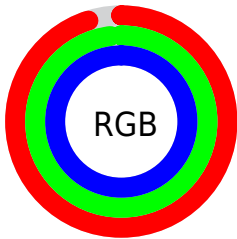
Format	Color
R _Y B	242, 247, 254
Decimal	15923966
CIE Lab	97.79, -1.89, -2.84
CIE LCh	98, 3.411, 236.267
Yxy	94.4042, 0.3054, 0.3251
Android (android.graphics.Color)	4294114046 (0xFF2FAFE)
YUV	248.0640, 2.9264, -5.3181
Hunter-Lab	97.1618, -7.0918, 2.5288

Details

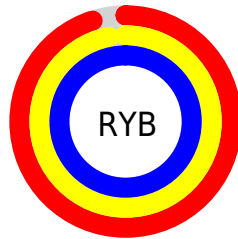
The XYZ color 88.6929, 94.4042, 107.3131 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 89.8560, 93.3922, 97.2963, and the grayscale version is 89.2581, 93.9065, 102.2642.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 49.6195, 53.0539, 60.4485 is the 20% darker color. If you saturate the color by 10%, you get 78.0043, 85.0819, 106.0785, and if you desaturate by 10%, it is 94.8897, 99.9359, 108.0557.

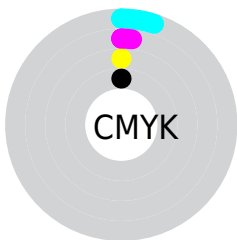
Distribution



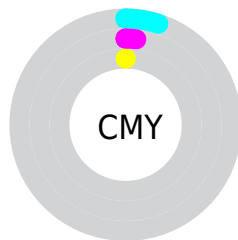
- Red (95%)
- Green (98%)
- Blue (100%)



- Red (95%)
- Yellow (97%)
- Blue (100%)



- Cyan (5%)
- Magenta (2%)
- Yellow (0%)
- Black (0%)





- Cyan (5%)
- Magenta (2%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 88.6929, 94.4042, 107.3131 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 88.6929, 94.4042, 107.3131 by changing the saturation by 10% instead.


 88.6929, 94.4042,
107.3131

 88.6929, 94.4042,
107.3131

512.0712,
542.2558, 604.8391

 67.2298, 71.6392,
81.7711


144.4090,
153.4412, 173.3105

 49.5427, 52.8640,
60.6422


179.3927,
190.4820, 214.6030

 35.2665, 37.6942,
43.5078


219.6140,
233.0502, 261.9828

 24.0357, 25.7454,
29.9494

265.4382,
281.5302, 315.8683

 15.4850, 16.6333,
19.5484

317.2306,
336.3064, 376.6782

 9.2490, 9.9734,
11.8864

375.3567,

 4.9624, 5.3813,

397.7631, 444.8309

6.5448

440.1818,
466.2848, 520.7450

■ 2.2597, 2.4727,
3.1050

■ 0.7739, 0.8629,
1.1485

■ 88.6929, 94.4042,
107.3131

■ 88.6929, 94.4042,
107.3131

■ 78.0043, 85.0819,
106.0785

94.8897, 99.9359,
108.0557

■ 68.5905, 76.5869,
104.9350

■ 60.3996, 68.8928,
103.8816

■ 53.3729, 61.9668,
102.9151

■ 47.4465, 55.7738,
102.0320

■ 42.5500, 50.2748,
101.2287

■ 38.6041, 45.4266,
100.5009

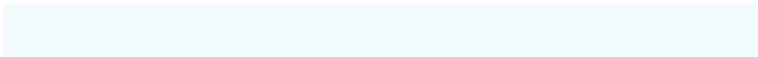
■ 35.5167, 41.1790,
99.8437

■ 33.1750, 37.4713,
99.2515

Harmonies

Analogous

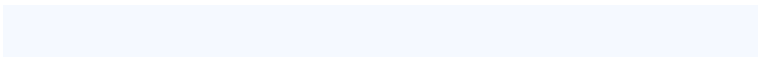
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.0603, 94.4042, 105.1809



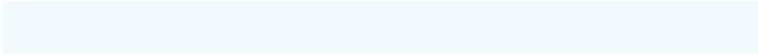
88.6929, 94.4042, 107.3131



89.6065, 94.4042, 108.2329

Triad

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



88.6929, 94.4042, 107.3131



91.6092, 94.4042, 103.1395



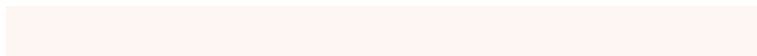
88.9025, 94.4042, 98.0574

Complementary

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



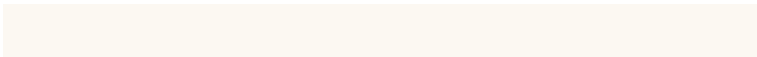
88.6929, 94.4042, 107.3131



89.8560, 93.3922, 97.2963

Split Complementary

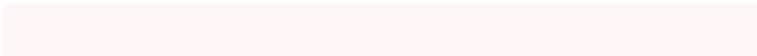
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



89.8503, 94.4042, 97.5330



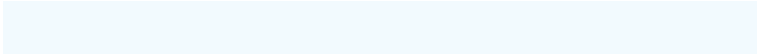
88.6929, 94.4042, 107.3131



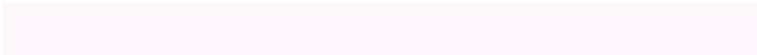
91.4174, 94.4042, 100.4359

Square

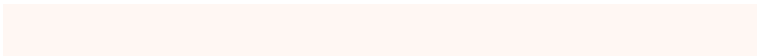
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



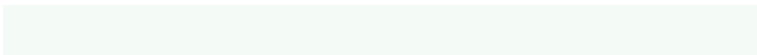
88.6929, 94.4042, 107.3131



91.2941, 94.4042, 105.7959



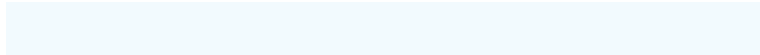
90.7718, 94.4042, 98.3961



88.1807, 94.4042, 99.8418

Rectangle

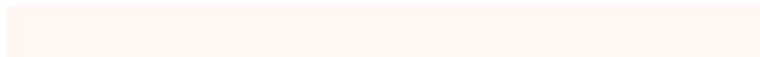
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



88.6929, 94.4042, 107.3131



90.2537, 94.4042, 108.0227



90.7718, 94.4042, 98.3961



89.2051, 94.4042, 97.7294

Sweetspot

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



88.6956, 94.4082, 107.3152



93.8478, 98.9790, 108.7663



88.6650, 96.4039, 100.9640



20.1000, 21.1964, 23.2819



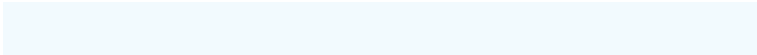
0.0000, 0.0000, 0.0000



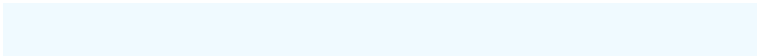
20.3446, 21.4041, 23.3091

Same Dimension

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



88.6956, 94.4082, 107.3152



88.0396, 94.0051, 108.1124



86.9196, 90.8563, 106.7232



18.6870, 19.9853, 23.1226



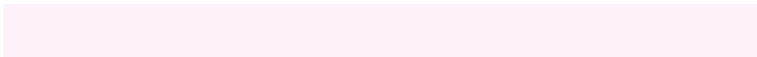
17.0941, 19.0977, 52.2199



1.7649, 2.0605, 5.1180

Inverse Universe

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



89.8825, 91.4789, 103.3671



89.5523, 90.2999, 103.0743



91.6491, 96.9784, 97.8940



19.0450, 19.1119, 21.9295



25.4165, 12.6559, 21.3755



2.5254, 1.2526, 2.3484

Previews

White Background



This preview shows how the XYZ color 88.6929, 94.4042, 107.3131 looks on a white background.

Color Contrast Check

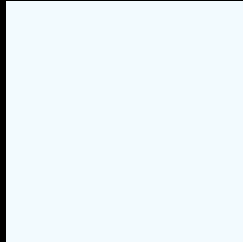
Large Text (above 18pt) WCAG AA × Fail

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 88.6929, 94.4042, 107.3131 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

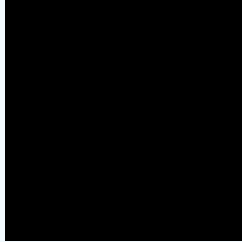
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

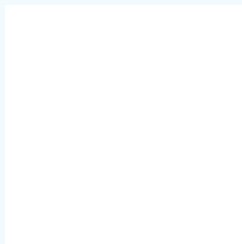
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 88.6929, 94.4042, 107.3131

Background



This preview shows how black text looks on a background with the XYZ color 88.6929, 94.4042, 107.3131.

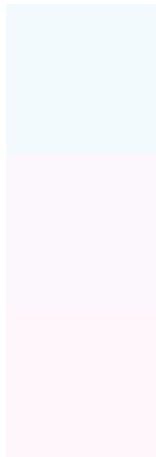


This preview shows how white text looks on a background with the XYZ color 88.6929, 94.4042,

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

88.6929, 94.4042, 107.3131

Protanopia

90.9763, 94.2453, 105.4916

Deuteranopia

91.6084, 94.1366, 104.6087

Tritanopia

89.9752, 94.1290, 108.0342

Trichromacy



Original Color

88.6929, 94.4042, 107.3131

Protanomaly

90.0084, 94.1831, 106.3637

Deuteranomaly

90.2558, 93.8738, 105.4579

Tritanomaly

89.5819, 94.3838, 108.1042

Monochromacy



Original Color

88.6929, 94.4042, 107.3131

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 88.6929, 94.4042, 107.3131 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, 254) looks like.

```
.text, #text, p{  
    color:rgb(242, 250, 254)  
}
```

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, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 250, 254) }
```

Border

The CSS property to change the border of an element to XYZ 88.6929, 94.4042, 107.3131 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, 254) }
```


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

```
.border{ border-color:rgb(242, 250, 254) }
```

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, 254) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 250, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 250, 254);  
box-shadow:4px 4px 4px 4px rgb(242, 250,  
254) }
```

Background

The CSS property to change the background color of an element to XYZ 88.6929, 94.4042, 107.3131 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, 254) }
```

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

```
.background{ background-color: rgb(242,  
250, 254) }
```

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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