

Converting Colors

XYZ(88.6927, 94.4049,
107.3179)

Have a look what the booklet for
XYZ(88.6927, 94.4049, 107.3179)
contains.

XYZ(88.6929, 94.4042, 107.3131)	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(88.6929, 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

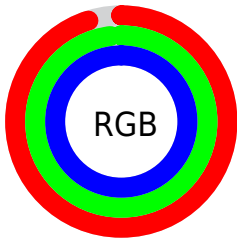
Format	Color
R _Y B	242, 247, 254
Decimal	15923966
CIE Lab	97.79, -1.89, -2.84
CIE LCh	98, 3.411, 236.267
Yxy	94.4042, 0.3054, 0.3251
Android (android.graphics.Color)	4294114046 (0xFF2FAFE)
YUV	248.0640, 2.9264, -5.3181
Hunter-Lab	97.1618, -7.0918, 2.5288

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.

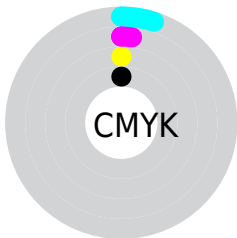
Distribution



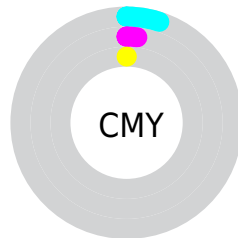
- Red (95%)
- Green (98%)
- Blue (100%)



- 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



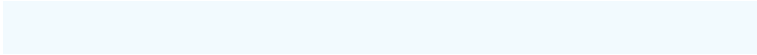
88.6929, 94.4042, 107.3131



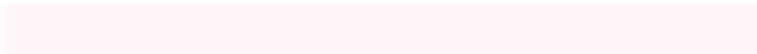
89.6065, 94.4042, 108.2329

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



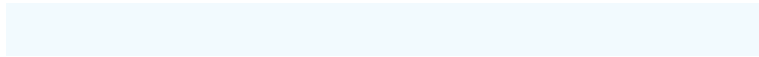
91.6092, 94.4042, 103.1395



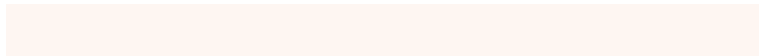
88.9025, 94.4042, 98.0574

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

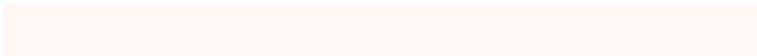
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



89.8503, 94.4042, 97.5330



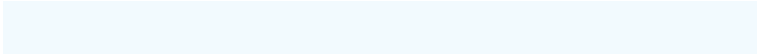
88.6929, 94.4042, 107.3131



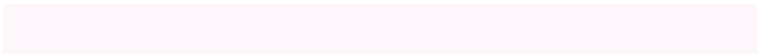
91.4174, 94.4042, 100.4359

Square

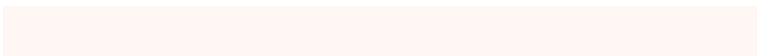
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



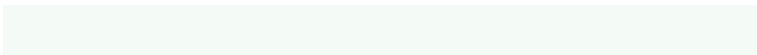
88.6929, 94.4042, 107.3131



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



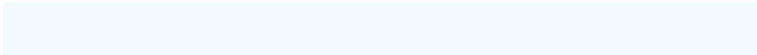
90.7718, 94.4042, 98.3961



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



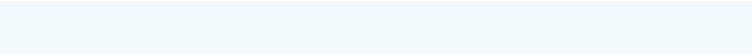
0.0000, 0.0000, 0.0000



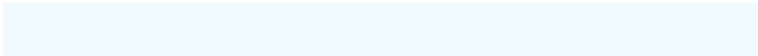
20.3446, 21.4041, 23.3091

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

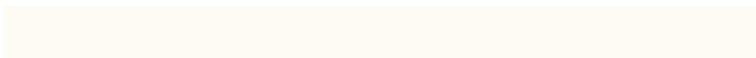
The Inverse Universe completely reimagines the original color for something new.



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

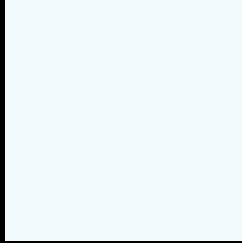
Large Text (above 18pt) WCAG AA × Fail

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

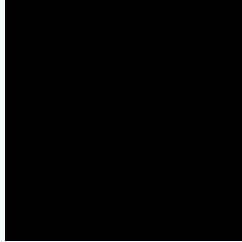
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

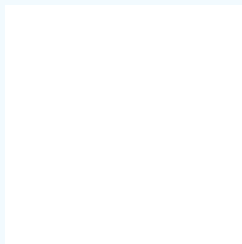
If you want to check with other color combinations, try the [Color Contrast Checker](#).

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.

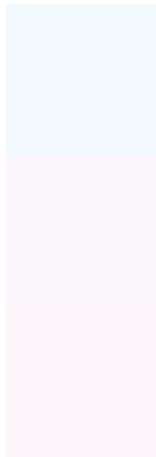


This preview shows how white text looks on a background with the XYZ color 88.6929, 94.4042,

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](#).

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