

Converting Colors

XYZ(90.0524, 94.5562,
109.7043)

Have a look what the booklet for
XYZ(90.0524, 94.5562, 109.7043)
contains.

XYZ(89.9317, 94.5642, 108.1205)	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(89.9317, 94.5642,
108.1205)**

Conversions

Conversions Part 1

Format	Color
Hex	F6F9FF
RGB	246, 249, 255
RGB Percent	96%, 98%, 100%
CMY	0.0353, 0.0235, 0.0000
CMYK	0.04, 0.02, 0.00, 0.00
HSL	220°, 100%, 98%
HSV	220°, 4%, 100%
XYZ	89.9317, 94.5642, 108.1205
YIQ	248.7870, -3.7140, 1.2300

Conversions

Conversions Part 2

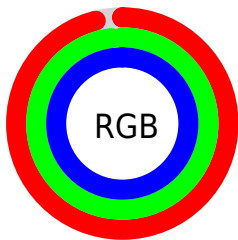
Format	Color
R _Y B	246, 248, 255
Decimal	16185855
CIE Lab	97.86, 0.09, -3.22
CIE LCh	98, 3.225, 271.658
Yxy	94.5642, 0.3073, 0.3232
Android (android.graphics.Color)	4294375935 (0xFFFF6F9FF)
YUV	248.7870, 3.0630, -2.4442
Hunter-Lab	97.2441, -5.0998, 2.1495

Details

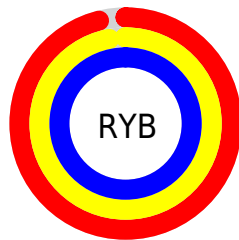
The XYZ color 89.9317, 94.5642, 108.1205 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 92.6840, 97.5322, 101.1308, and the grayscale version is 89.8477, 94.5268, 102.9397.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 50.4982, 53.1643, 61.0263 is the 20% darker color. If you saturate the color by 10%, you get 76.5793, 80.2380, 106.0591, and if you desaturate by 10%, it is 95.0500, 100.0000, 108.9000.

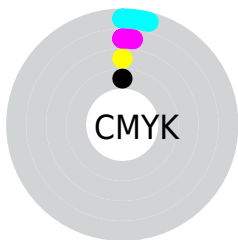
Distribution



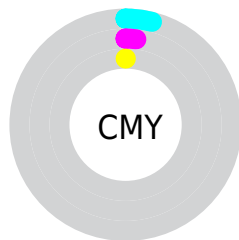
- Red (96%)
- Green (98%)
- Blue (100%)



- Red (96%)
- Yellow (97%)
- Blue (100%)



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





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

Brightness & Saturation Gradients


These gradients show how the XYZ color 89.9317, 94.5642, 108.1205 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 89.9317, 94.5642, 108.1205 by changing the saturation by 10% instead.


 89.9317, 94.5642,
108.1205

 89.9317, 94.5642,
108.1205


516.0499,
542.7689, 607.3933

 68.2601, 71.7723,
82.4448


146.1223,
153.6624, 174.4215

 50.3838, 52.9727,
61.1943


181.3721,
190.7375, 215.8840

 35.9375, 37.7810,
43.9504


221.8786,
233.3424, 263.4457

 24.5558, 25.8127,
30.2946

268.0072,
281.8616, 317.5253

 15.8734, 16.6836,
19.8084

320.1233,
336.6795, 378.5414

 9.5249, 10.0092,
12.0731

378.5922,

 5.1449, 5.4050,

398.1804, 446.9124

6.6704

443.7793,
466.7487, 523.0568

■ 2.3682, 2.4868,
3.1815

■ 0.8292, 0.8700,
1.1880

■ 89.9317, 94.5642,
108.1205

■ 89.9317, 94.5642,
108.1205

■ 76.5793, 80.2380,
106.0591

95.0500, 100.0000,
108.9000

■ 64.8648, 67.4396,
104.2062

■ 54.7245, 56.1196,
102.5556

■ 46.0877, 46.2210,
101.1002

■ 38.8779, 37.6834,
99.8323

■ 33.0113, 30.4411,
98.7436

■ 28.3950, 24.4225,
97.8252

■ 24.9225, 19.5474,
97.0672

■ 22.4666, 15.7231,
96.4585

Harmonies

Analogous

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



89.0419, 94.5642, 107.4955



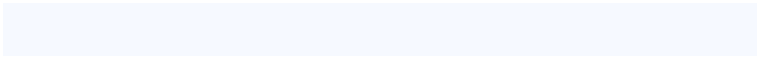
89.9317, 94.5642, 108.1205



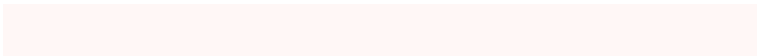
90.8136, 94.5642, 107.3445

Triad

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



89.9317, 94.5642, 108.1205



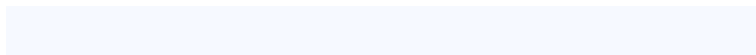
91.3971, 94.5642, 100.3239



88.3300, 94.5642, 100.5740

Complementary

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



89.9317, 94.5642, 108.1205



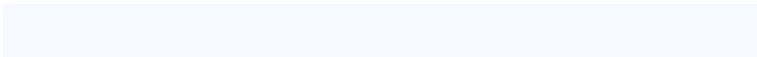
92.6840, 97.5322, 101.1308

Split Complementary

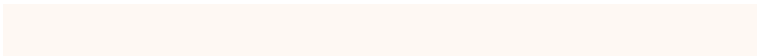
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



88.9537, 94.5642, 98.7050



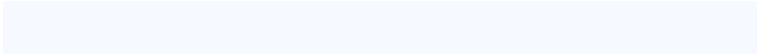
89.9317, 94.5642, 108.1205



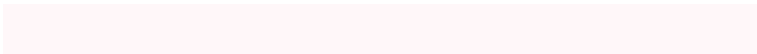
90.7242, 94.5642, 98.5624

Square

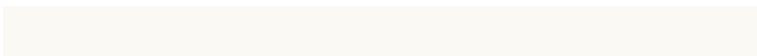
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



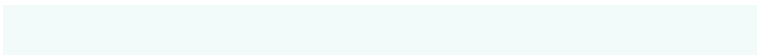
89.9317, 94.5642, 108.1205



91.6632, 94.5642, 102.8176



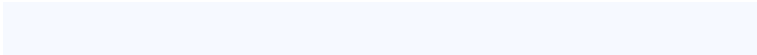
89.8292, 94.5642, 97.9748



88.1209, 94.5642, 103.1112

Rectangle

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



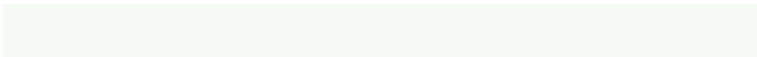
89.9317, 94.5642, 108.1205



91.2773, 94.5642, 106.1446



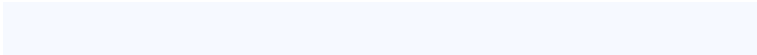
89.8292, 94.5642, 97.9748



88.4979, 94.5642, 99.8483

Sweetspot

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



89.9341, 94.5681, 108.1212



93.5785, 98.4405, 108.6765



91.3137, 98.1320, 106.1000



20.0452, 21.0868, 23.2636



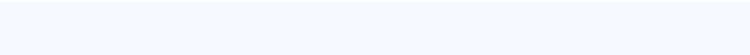
0.0000, 0.0000, 0.0000



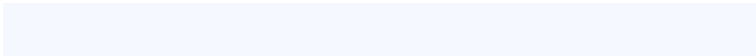
20.3446, 21.4041, 23.3091

Same Dimension

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



89.9341, 94.5681, 108.1212



89.2670, 93.8576, 108.0192



89.4882, 92.9707, 107.8364



18.8806, 19.8482, 23.0859



11.2564, 7.4224, 50.2740



1.1917, 0.9141, 4.9269

Inverse Universe

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



91.2961, 94.0125, 102.9617



90.8071, 93.2339, 102.1839



93.1400, 99.1788, 101.4246



19.2707, 19.6921, 21.6074



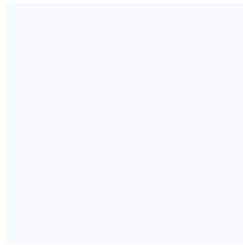
22.4699, 11.4773, 5.8590



2.2361, 1.1368, 0.8249

Previews

White Background



This preview shows how the XYZ color 89.9317, 94.5642, 108.1205 looks on a white background.

Color Contrast Check

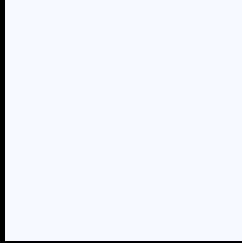
Large Text (above 18pt) WCAG AA × Fail

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 89.9317, 94.5642, 108.1205 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

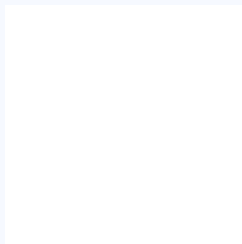
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 89.9317, 94.5642, 108.1205

Background



This preview shows how black text looks on a background with the XYZ color 89.9317, 94.5642, 108.1205.

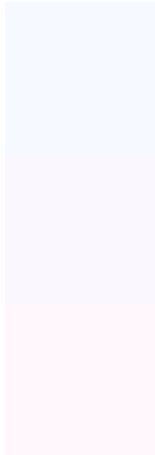


This preview shows how white text looks on a background with the XYZ color 89.9317, 94.5642,

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

89.9317, 94.5642, 108.1205

Protanopia

90.9338, 94.1865, 107.1530

Deuteranopia

91.9134, 94.7466, 104.7103

Tritanopia

90.3288, 94.3113, 108.0508

Trichromacy



Original Color

89.9317, 94.5642, 108.1205

Protanomaly

90.5237, 94.4303, 107.2217

Deuteranomaly

91.2830, 94.8585, 105.5939

Tritanomaly

89.9752, 94.1290, 108.0342

Monochromacy



Original Color

89.9317, 94.5642, 108.1205

Achromatopsia

90.0415, 94.7307, 103.1617

Achromatomaly

89.9997, 94.6729, 104.7970

CSS Examples

Text

The CSS property to change the color of the text to XYZ 89.9317, 94.5642, 108.1205 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(246, 249, 255) looks like.

```
.text, #text, p{
  color:rgb(246, 249, 255)
}
```

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(246, 249, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 249, 255) }
```

Border

The CSS property to change the border of an element to XYZ 89.9317, 94.5642, 108.1205 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(246, 249, 255) }
```


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

```
.border{ border-color:rgb(246, 249, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 249, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 249, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 249, 255);  
box-shadow:4px 4px 4px 4px rgb(246, 249,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 89.9317, 94.5642, 108.1205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 249, 255) }
```

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

```
.background{ background-color: rgb(246,  
249, 255) }
```

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