

Converting Colors

XYZ(89.5995, 94.8119,
106.5451)

Have a look what the booklet for
XYZ(89.5995, 94.8119, 106.5451)
contains.

| | |
|--|----|
| XYZ(89.5714, 94.8755, 106.5204) | 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(89.5714, 94.8755,
106.5204)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | F5FAFD |
| RGB | 245, 250, 253 |
| RGB Percent | 96%, 98%, 99% |
| CMY | 0.0392, 0.0196, 0.0078 |
| CMYK | 0.03, 0.01, 0.00, 0.01 |
| HSL | 202°, 67%, 98% |
| HSV | 202°, 3%, 99% |
| XYZ | 89.5714, 94.8755, 106.5204 |
| YIQ | 248.8470, -3.9430, -0.1270 |

Conversions

Conversions Part 2

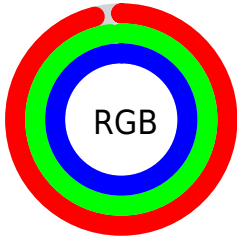
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 245, 248, 253 |
| Decimal | 16120573 |
| CIE Lab | 97.98, -1.10, -2.02 |
| CIE LCh | 98, 2.300, 241.397 |
| Yxy | 94.8755, 0.3078, 0.3261 |
| Android (android.graphics.Color) | 4294310653 (0xFF5FAFD) |
| YUV | 248.8470, 2.0474, -3.3738 |
| Hunter-Lab | 97.4041, -6.3110, 3.3437 |

Details

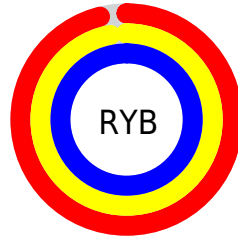
The XYZ color 89.5714, 94.8755, 106.5204 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 90.5571, 94.6091, 99.8762, and the grayscale version is 89.9053, 94.5873, 103.0056.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 50.2419, 53.3879, 59.8814 is the 20% darker color. If you saturate the color by 10%, you get 78.4714, 84.8942, 105.1803, and if you desaturate by 10%, it is 94.7299, 99.8720, 107.2144.

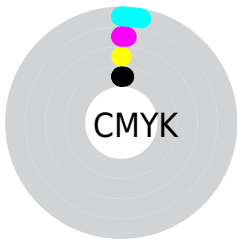
Distribution



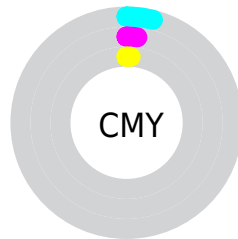
- Red (96%)
- Green (98%)
- Blue (99%)



- Red (96%)
- Yellow (97%)
- Blue (99%)



- Cyan (3%)
- Magenta (1%)
- Yellow (0%)
- Black (1%)




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

Brightness & Saturation Gradients


These gradients show how the XYZ color 89.5714, 94.8755, 106.5204 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 89.5714, 94.8755, 106.5204 by changing the saturation by 10% instead.


 89.5714, 94.8755,
106.5204

 89.5714, 94.8755,
106.5204


514.8943,
543.7663, 602.3258

 67.9603, 72.0314,
81.1099


145.6243,
154.0926, 172.2190

 50.1390, 53.1843,
60.1006


180.7968,
191.2343, 213.3442

 35.7421, 37.9499,
43.0739


221.2205,
233.9107, 260.5447

 24.4043, 25.9438,
29.6113

267.2608,
282.5062, 314.2390

 15.7601, 16.7816,
19.2942

319.2829,
337.4051, 374.8458

 9.4444, 10.0789,
11.7041

377.6523,

 5.0916, 5.4513,

398.9918, 442.7834

6.4224

442.7344,
467.6507, 518.4706

■ 2.3364, 2.5144,
3.0307

■ 0.8132, 0.8838,
1.1103

■ 89.5714, 94.8755,
106.5204

■ 89.5714, 94.8755,
106.5204

■ 78.4714, 84.8942,
105.1803

94.7299, 99.8720,
107.2144

■ 68.6728, 75.7976,
103.9409

■ 60.1239, 67.5584,
102.8012

■ 52.7668, 60.1433,
101.7577

■ 46.5382, 53.5165,
100.8068

■ 41.3689, 47.6386,
99.9447

■ 37.1812, 42.4659,
99.1670

■ 33.8854, 37.9488,
98.4688

■ 31.3732, 34.0273,
97.8443

Harmonies

Analogous

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



89.0997, 94.8755, 105.2043



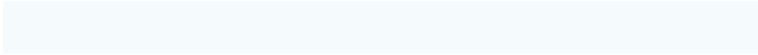
89.5714, 94.8755, 106.5204



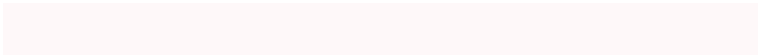
90.2072, 94.8755, 106.9717

Triad

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



89.5714, 94.8755, 106.5204



91.4483, 94.8755, 103.2149



89.5182, 94.8755, 100.2383

Complementary

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



89.5714, 94.8755, 106.5204



90.5571, 94.6091, 99.8762

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.



90.1454, 94.8755, 99.7197



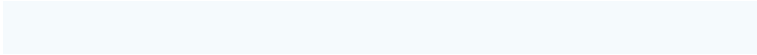
89.5714, 94.8755, 106.5204



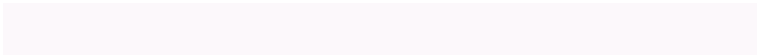
91.2616, 94.8755, 101.4253

Square

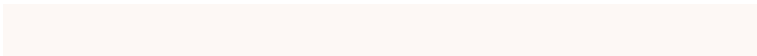
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



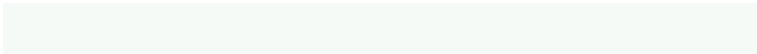
89.5714, 94.8755, 106.5204



91.2928, 94.8755, 105.0494



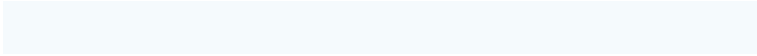
90.7840, 94.8755, 100.1516



89.0690, 94.8755, 101.5767

Rectangle

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



89.5714, 94.8755, 106.5204



90.6391, 94.8755, 106.7171



90.7840, 94.8755, 100.1516



89.7151, 94.8755, 99.9630

Sweetspot

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



89.5741, 94.8795, 106.5225



93.8142, 98.9118, 108.7551



89.7159, 96.4377, 102.6400



20.0931, 21.1827, 23.2796



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.



89.5741, 94.8795, 106.5225



90.1899, 95.7035, 108.3268



88.3633, 92.4580, 106.1189



19.1140, 20.3151, 23.1637



16.1032, 17.1159, 51.8896



1.6729, 1.8765, 5.0873

Inverse Universe

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



90.4178, 93.0914, 103.6501



91.2729, 93.4203, 104.6370



91.7804, 97.0557, 100.2839



19.3885, 19.7392, 22.2279



24.9163, 12.4558, 18.7417



2.4790, 1.2340, 2.1039

Previews

White Background



This preview shows how the XYZ color 89.5714, 94.8755, 106.5204 looks on a white background.

Color Contrast Check

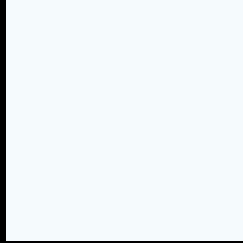
Large Text (above 18pt) WCAG AA × Fail

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 89.5714, 94.8755, 106.5204 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

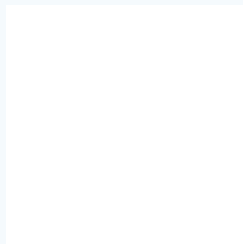
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 89.5714, 94.8755, 106.5204

Background



This preview shows how black text looks on a background with the XYZ color 89.5714, 94.8755, 106.5204.

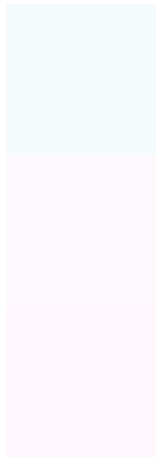


This preview shows how white text looks on a background with the XYZ color 89.5714, 94.8755,

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

89.5714, 94.8755, 106.5204

Protanopia

91.6461, 95.0457, 105.6109

Deuteranopia

91.9134, 94.7466, 104.7103

Tritanopia

90.9926, 95.1111, 108.1702

Trichromacy

Original Color

89.5714, 94.8755, 106.5204

Protanomaly

90.8707, 95.1036, 105.6629

Deuteranomaly

90.9218, 94.6723, 105.5770

Tritanomaly

90.4765, 94.8636, 107.3078

Monochromacy

Original Color

89.5714, 94.8755, 106.5204

Achromatopsia

90.0415, 94.7307, 103.1617

Achromatomaly

89.8424, 94.6099, 103.9688

CSS Examples

Text

The CSS property to change the color of the text to XYZ 89.5714, 94.8755, 106.5204 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(245, 250, 253) looks like.

```
.text, #text, p{  
    color:rgb(245, 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(245, 250, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 250, 253) }
```

Border

The CSS property to change the border of an element to XYZ 89.5714, 94.8755, 106.5204 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(245, 250, 253) }
```


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

```
.border{ border-color:rgb(245, 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(245, 250, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 250, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 250, 253);  
box-shadow:4px 4px 4px 4px rgb(245, 250,  
253) }
```

Background

The CSS property to change the background color of an element to XYZ 89.5714, 94.8755, 106.5204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 250, 253) }
```

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

```
.background{ background-color: rgb(245,  
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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