

Converting Colors

XYZ(58.4594, 76.3034, 89.3050)

Have a look what the booklet for
XYZ(58.4594, 76.3034, 89.3050)
contains.

XYZ(58.5297, 76.4815, 89.5195)	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(58.5297, 76.4815,
89.5195)**

Conversions

Conversions Part 1

Format	Color
Hex	8FF4EA
RGB	143, 244, 234
RGB Percent	56%, 96%, 92%
CMY	0.4392, 0.0431, 0.0823
CMYK	0.41, 0.00, 0.04, 0.04
HSL	174°, 82%, 76%
HSV	174°, 41%, 96%
XYZ	58.5297, 76.4815, 89.5195
YIQ	212.6610, -56.9860, -24.5220

Conversions

Conversions Part 2

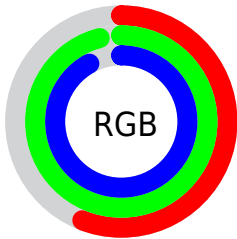
Format	Color
R _Y B	143, 196, 244
Decimal	9434346
CIE Lab	90.08, -31.87, -4.46
CIE LCh	90, 32.177, 187.970
Yxy	76.4815, 0.2607, 0.3406
Android (android.graphics.Color)	4287624426 (0xFF8FF4EA)
YUV	212.6610, 10.5201, -61.0927
Hunter-Lab	87.4537, -33.5802, 0.5271

Details

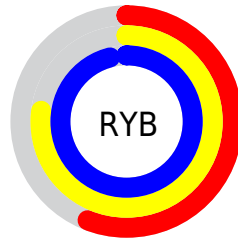
The XYZ color **58.5297, 76.4815, 89.5195** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **52.8831, 41.1802, 35.3012**, and the grayscale version is **62.9806, 66.2605, 72.1577**.

A 20% lighter version of the original color is **77.8974, 91.1575, 108.0973**, and **29.5525, 40.6863, 48.4151** is the 20% darker color. If you saturate the color by 10%, you get **54.4121, 74.4005, 87.5284**, and if you desaturate by 10%, it is **63.5751, 79.0440, 91.5821**.

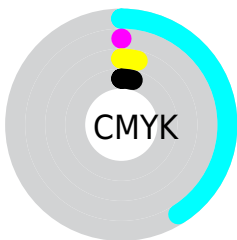
Distribution



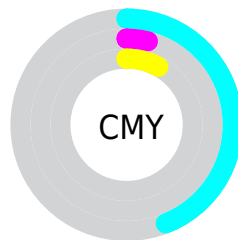
- Red (56%)
- Green (96%)
- Blue (92%)



- Red (56%)
- Yellow (77%)
- Blue (96%)



- Cyan (41%)
- Magenta (0%)
- Yellow (4%)
- Black (4%)





- Cyan (44%)
- Magenta (4%)
- Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.5297, 76.4815, 89.5195 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 58.5297, 76.4815, 89.5195 by changing the saturation by 10% instead.


 58.5297, 76.4815,
89.5195


 58.5297, 76.4815,
89.5195


409.0789,
482.9944, 546.9963

 42.4796, 56.8274,
67.0107


 101.8124,
128.4073, 148.6005

 29.6697, 40.8667,
48.6317


 129.7756,
161.4478, 186.0097

 19.7349, 28.2149,
33.9639


162.4406,
199.7193, 229.2229

 12.3096, 18.4877,
22.5887

200.1726,
243.6061, 278.6585

 7.0286, 11.3007,
14.0877

243.3371,
293.4926, 334.7351

 3.5265, 6.2695,
8.0422

292.2995,

 1.4379, 3.0096,

349.7632, 397.8713

4.0338

347.4249,
412.8023, 468.4855

■ 0.2830, 1.1368,
1.6439

■ 0.0000, 0.0091,
0.3219

■ 58.5297, 76.4815,
89.5195

■ 58.5297, 76.4815,
89.5195

■ 54.4121, 74.4005,
87.5284

■ 63.5751, 79.0440,
91.5821

■ 51.1554, 72.7609,
85.6005


■ 69.5964, 82.1072,
93.7135


■ 48.6945, 71.5310,
83.7344


■ 76.6464, 85.7000,
95.9180


■ 46.9521, 70.6710,
81.9263


■ 84.7719, 89.8469,
98.1978


 45.8353, 70.1329,
80.1719


 90.2394, 92.6229,
100.3784

 45.2490, 69.8627,
78.6987

 90.6130, 92.7723,
102.3457

 90.9914, 92.9237,
104.3385

 91.3748, 93.0770,
106.3570

 91.6419, 93.1839,
107.7640

Harmonies

Analogous

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



59.3752, 76.4815, 67.8537



58.5297, 76.4815, 89.5195



61.2540, 76.4815, 113.3490

Triad

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



58.5297, 76.4815, 89.5195



82.5500, 76.4815, 122.9508



78.6029, 76.4815, 48.8162

Complementary

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



58.5297, 76.4815, 89.5195



52.8831, 41.1802, 35.3012

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.



85.4750, 76.4815, 59.0556



58.5297, 76.4815, 89.5195



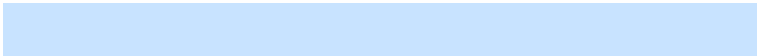
87.8676, 76.4815, 100.8727

Square

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



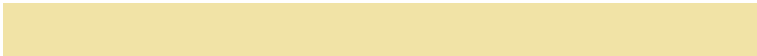
58.5297, 76.4815, 89.5195



74.8421, 76.4815, 134.8260



88.9754, 76.4815, 77.3285



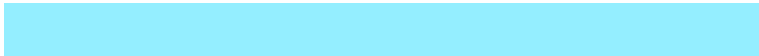
70.5861, 76.4815, 46.8918

Rectangle

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



58.5297, 76.4815, 89.5195



64.8542, 76.4815, 126.3696



88.9754, 76.4815, 77.3285



81.1401, 76.4815, 51.2957

Sweetspot

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



58.5319, 76.4845, 89.5213



84.1905, 94.4576, 105.8650



50.4668, 73.4696, 37.5095



17.7897, 20.1003, 22.5903



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.



58.5319, 76.4845, 89.5213



60.6702, 82.5038, 97.0257



49.1571, 55.3698, 93.6879



16.9218, 18.7279, 20.8726



24.6319, 37.9976, 42.9427



2.1850, 3.3477, 3.8801

Inverse Universe

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



52.8831, 41.1802, 35.3012



53.6371, 38.4654, 29.4576



59.2849, 55.2511, 33.5282



16.5658, 16.5092, 17.4601



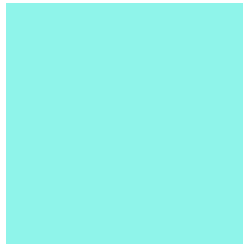
20.3989, 10.5030, 1.5432



1.8148, 0.9319, 0.2510

Previews

White Background



This preview shows how the XYZ color 58.5297, 76.4815, 89.5195 looks on a white background.

Color Contrast Check

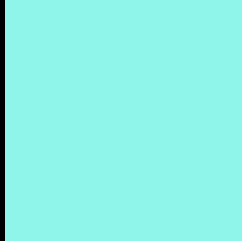
Large Text (above 18pt) WCAG AA × Fail

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 58.5297, 76.4815, 89.5195 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

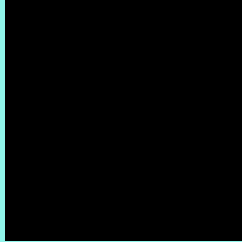
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.5297, 76.4815, 89.5195

Background



This preview shows how black text looks on a background with the XYZ color 58.5297, 76.4815, 89.5195.



This preview shows how white text looks on a background with the XYZ color 58.5297, 76.4815,

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

58.5297, 76.4815, 89.5195

Protanopia

72.6081, 75.4620, 80.5508

Deuteranopia

77.1871, 75.5958, 92.1846



Tritanopia

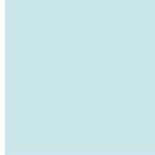
63.7288, 76.1556, 105.9484

Trichromacy



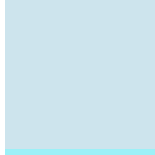
Original Color

58.5297, 76.4815, 89.5195



Protanomaly

65.7297, 74.7036, 83.6280



Deuteranomaly

68.2063, 74.5804, 90.9214



Tritanomaly

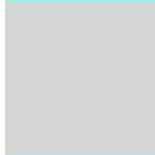
61.6589, 76.1035, 99.4354

Monochromacy



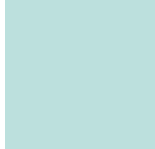
Original Color

58.5297, 76.4815, 89.5195



Achromatopsia

63.2451, 66.5387, 72.4607



Achromatomaly

60.4458, 69.2231, 78.5822

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.5297, 76.4815, 89.5195 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(143, 244, 234)` looks like.

```
.text, #text, p{  
    color:rgb(143, 244, 234)  
}
```

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(143, 244, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 244, 234) }
```

Border

The CSS property to change the border of an element to XYZ 58.5297, 76.4815, 89.5195 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(143, 244, 234) }
```


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

```
.border{ border-color:rgb(143, 244, 234) }
```

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

Here you see how a box with a 4 pixel rgb(143, 244, 234) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 244, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 244, 234);  
box-shadow:4px 4px 4px 4px rgb(143, 244,  
234) }
```

Background

The CSS property to change the background color of an element to XYZ 58.5297, 76.4815, 89.5195 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 244, 234) }
```

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

```
.background{ background-color: rgb(143,  
244, 234) }
```

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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