

Converting Colors

XYZ(58.6726, 81.0848, 76.0655)

Have a look what the booklet for
XYZ(58.6726, 81.0848, 76.0655)
contains.

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Color

**XYZ(58.5906, 80.9452,
76.1543)**

Conversions

Conversions Part 1

Format	Color
Hex	8FFDD6
RGB	143, 253, 214
RGB Percent	56%, 99%, 84%
CMY	0.4392, 0.0078, 0.1608
CMYK	0.43, 0.00, 0.15, 0.01
HSL	159°, 96%, 78%
HSV	159°, 43%, 99%
XYZ	58.5906, 80.9452, 76.1543
YIQ	215.6640, -53.0410, -35.4490

Conversions

Conversions Part 2

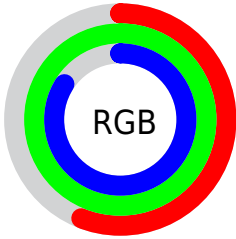
Format	Color
RYB	143, 210, 253
Decimal	9436630
CIELab	92.11, -40.45, 8.86
CIELCh	92, 41.406, 167.643
Yxy	80.9452, 0.2716, 0.3753
Android (android.graphics.Color)	4287626710 (0xFF8FFDD6)
YUV	215.6640, -0.8204, -63.7263
Hunter-Lab	89.9696, -41.2027, 12.7929

Details

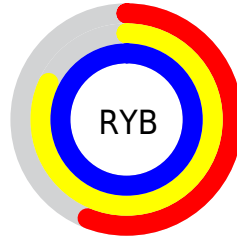
The XYZ color **58.5906, 80.9452, 76.1543** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **58.7767, 43.9071, 49.6362**, and the grayscale version is **65.0748, 68.4637, 74.5570**.

A 20% lighter version of the original color is **77.8974, 91.1575, 108.0973**, and **29.7442, 43.9144, 39.7095** is the 20% darker color. If you saturate the color by 10%, you get **53.5809, 78.4935, 70.1042**, and if you desaturate by 10%, it is **64.6555, 83.9378, 82.5866**.

Distribution



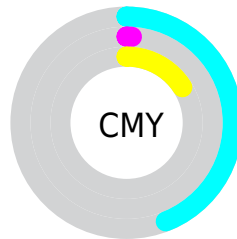
- Red (56%)
- Green (99%)
- Blue (84%)



- Red (56%)
- Yellow (82%)
- Blue (99%)



- Cyan (43%)
- Magenta (0%)
- Yellow (15%)
- Black (1%)




- Cyan (44%)
- Magenta (1%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.5906, 80.9452, 76.1543 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 58.5906, 80.9452, 76.1543 by changing the saturation by 10% instead.


 58.5906, 80.9452,
76.1543


 58.5906, 80.9452,
76.1543


409.3015,
498.1125, 501.2366

 42.5287, 60.4965,
56.0516


 101.9004,
134.6938, 129.7071

 29.7084, 43.8189,
39.8400


 129.8791,
168.7625, 163.9943

 19.7644, 30.5282,
27.1010


162.5608,
208.1399, 203.8467

 12.3311, 20.2398,
17.4160

200.3109,
253.2106, 249.6829

 7.0434, 12.5695,
10.3664

243.4946,
304.3587, 301.9215

 3.5358, 7.1328,
5.5338


292.4774,


 1.4431, 3.5453,


361.9688, 360.9810


2.4996


347.6246,
426.4253, 427.2798

 0.2866, 1.4226,
0.8399


 0.0000, 0.2333,
0.0000


 58.5906, 80.9452,
76.1543


 58.5906, 80.9452,
76.1543


 53.5809, 78.4935,
70.1042


 64.6555, 83.9378,
82.5866


 49.5514, 76.5378,
64.4225

 71.8308, 87.4934,
89.4038

 46.4277, 75.0420,
59.1019

 80.1758, 91.6444,
96.6151

 44.1213, 73.9606,
54.1328

 89.7434, 96.4181,
104.2282

■ 42.5245, 73.2382,
49.5046

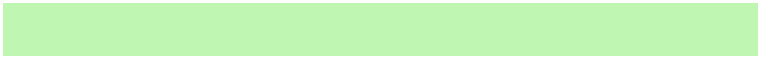
94.4167, 98.7334,
108.6889

■ 41.7643, 72.9084,
46.6621

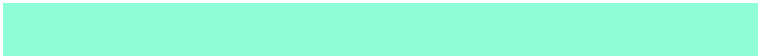
Harmonies

Analogous

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



62.7538, 80.9452, 54.1896



58.5906, 80.9452, 76.1543



58.9999, 80.9452, 107.1637

Triad

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



58.5906, 80.9452, 76.1543



83.3211, 80.9452, 156.7947



91.5976, 80.9452, 51.4665

Complementary

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



58.5906, 80.9452, 76.1543



58.7767, 43.9071, 49.6362

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.



98.1821, 80.9452, 71.5047



58.5906, 80.9452, 76.1543



93.1085, 80.9452, 133.9272

Square

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



58.5906, 80.9452, 76.1543



72.6301, 80.9452, 158.8626



98.7593, 80.9452, 101.3119



81.4088, 80.9452, 42.3096

Rectangle

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



58.5906, 80.9452, 76.1543



61.8121, 80.9452, 129.0958



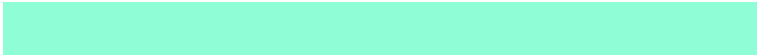
98.7593, 80.9452, 101.3119



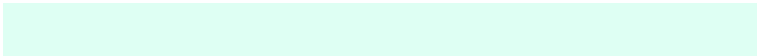
94.3451, 80.9452, 56.9094

Sweetspot

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



58.5928, 80.9485, 76.1562



82.0532, 93.5119, 98.7140



59.6936, 82.3453, 38.7360



17.1359, 19.8028, 20.7735



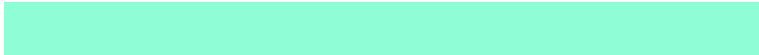
0.0000, 0.0000, 0.0000



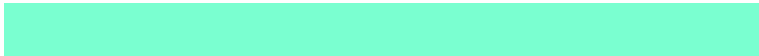
20.3446, 21.4041, 23.3091

Same Dimension

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



58.5928, 80.9485, 76.1562



55.2261, 80.2402, 72.2419



59.7316, 74.2780, 104.1211



18.2654, 20.3657, 21.7004



22.2881, 38.8118, 25.2002



2.2221, 3.7998, 2.7276

Inverse Universe

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



58.7767, 43.9071, 49.6362



55.4492, 38.1577, 42.1835



57.6385, 47.2081, 32.0622



18.2754, 18.0935, 20.0673



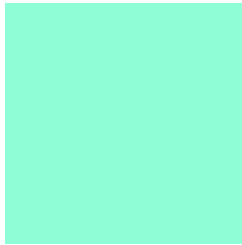
22.5864, 11.5239, 6.4724



2.2488, 1.1419, 0.8918

Previews

White Background



This preview shows how the XYZ color 58.5906, 80.9452, 76.1543 looks on a white background.

Color Contrast Check

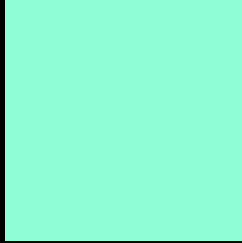
Large Text (above 18pt) WCAG AA × Fail

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 58.5906, 80.9452, 76.1543 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

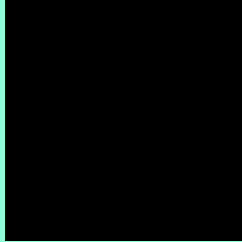
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.5906, 80.9452, 76.1543

Background



This preview shows how black text looks on a background with the XYZ color 58.5906, 80.9452, 76.1543.

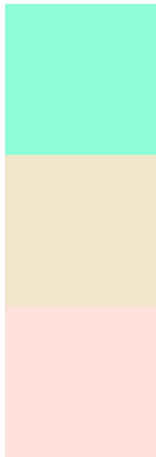


This preview shows how white text looks on a background with the XYZ color 58.5906, 80.9452,

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

58.5906, 80.9452, 76.1543

Protanopia

75.5754, 79.7351, 67.2843

Deuteranopia

80.9468, 79.7918, 79.5416



Tritanopia

69.5129, 80.4449, 106.4714

Trichromacy



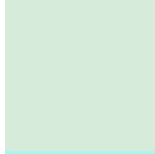
Original Color

58.5906, 80.9452, 76.1543



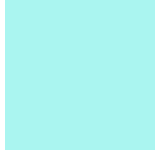
Protanomaly

67.1687, 78.7271, 70.0482



Deuteranomaly

70.0948, 78.7748, 77.8403



Tritanomaly

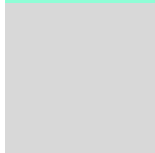
64.9581, 80.1421, 94.4834

Monochromacy



Original Color

58.5906, 80.9452, 76.1543



Achromatopsia

65.2694, 68.6685, 74.7800



Achromatomaly

61.2713, 71.7637, 74.9124

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.5906, 80.9452, 76.1543 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, 253, 214)` looks like.

```
.text, #text, p{  
    color:rgb(143, 253, 214)  
}
```

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, 253, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 253, 214) }
```

Border

The CSS property to change the border of an element to XYZ 58.5906, 80.9452, 76.1543 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, 253, 214) }
```


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

```
.border{ border-color:rgb(143, 253, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 253, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 253, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 253, 214);  
box-shadow:4px 4px 4px 4px rgb(143, 253,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 58.5906, 80.9452, 76.1543 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 253, 214) }
```

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

```
.background{ background-color: rgb(143,  
253, 214) }
```

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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