

Converting Colors

XYZ(53.4527, 79.6081, 59.4116)

Have a look what the booklet for
XYZ(53.4527, 79.6081, 59.4116)
contains.

| | |
|--|----|
| XYZ(53.4820, 79.6199, 59.5631) | 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(53.4820, 79.6199,
59.5631)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 7FFFBB |
| RGB | 127, 255, 187 |
| RGB Percent | 50%, 100%, 73% |
| CMY | 0.5020, 0.0000, 0.2667 |
| CMYK | 0.50, 0.00, 0.27, 0.00 |
| HSL | 148°, 100%, 75% |
| HSV | 148°, 50%, 100% |
| XYZ | 53.4820, 79.6199, 59.5631 |
| YIQ | 208.9760, -54.4600, -48.2840 |

Conversions

Conversions Part 2

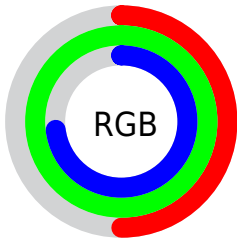
| Format | Color |
|-------------------------------------|--|
| RYB | 127, 214, 255 |
| Decimal | 8388539 |
| CIELab | 91.51, -50.64, 21.80 |
| CIELCh | 92, 55.128, 156.707 |
| Yxy | 79.6199, 0.2776, 0.4133 |
| Android (android.graphics.Color) | 4286578619 (0xFF7FFFBB) |
| YUV | 208.9760, -10.8342, -71.8930 |
| Hunter-Lab | 89.2300, -49.1645, 22.8835 |

Details

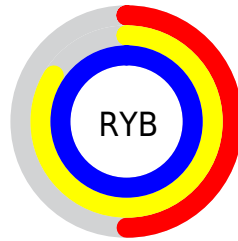
The XYZ color **53.4820, 79.6199, 59.5631** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **58.6800, 40.3795, 56.3310**, and the grayscale version is **60.6825, 63.8427, 69.5247**.

A 20% lighter version of the original color is **72.1874, 88.4302, 98.0581**, and **26.4493, 42.7776, 29.4171** is the 20% darker color. If you saturate the color by 10%, you get **48.7703, 77.3506, 52.1264**, and if you desaturate by 10%, it is **59.2927, 82.4398, 67.7680**.

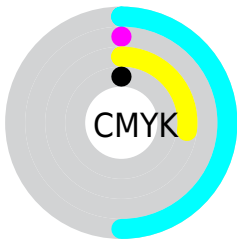
Distribution



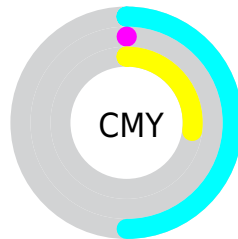
- Red (50%)
- Green (100%)
- Blue (73%)



- Red (50%)
- Yellow (84%)
- Blue (100%)



- Cyan (50%)
- Magenta (0%)
- Yellow (27%)
- Black (0%)





- Cyan (50%)
- Magenta (0%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.4820, 79.6199, 59.5631 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 53.4820, 79.6199, 59.5631 by changing the saturation by 10% instead.


 53.4820, 79.6199,
59.5631


 53.4820, 79.6199,
59.5631


390.3623,
493.6509, 440.7453


 38.4167, 59.4056,
42.6436

 94.4746, 132.8312,
105.7328

 26.4849, 42.9397,
29.2762


 121.1326,
166.5970, 135.8200

 17.3214, 29.8378,
19.0425


 152.3856,
205.6488, 171.1336

 10.5606, 19.7155,
11.5239

188.5989,
250.3709, 212.0921

 5.8373, 12.1884,
6.3018

230.1379,
301.1478, 259.1139

 2.7861, 6.8721,
2.9577

277.3678,

 1.0417, 3.3823,

358.3638, 312.6177

1.0731

330.6542,
422.4034, 373.0220

0.0000, 1.3344,
0.0000

0.0000, 0.1676,
0.0000

53.4820, 79.6199,
59.5631

53.4820, 79.6199,
59.5631

48.7703, 77.3506,
52.1264

59.2927, 82.4398,
67.7680

45.0779, 75.5915,
45.4308

66.2704, 85.8452,
76.7593

42.3168, 74.2976,
39.4527

74.4796, 89.8687,
86.5596

40.3819, 73.4151,
34.1658

83.9793, 94.5406,
97.1891

■ 39.1219, 72.8648,
29.6236

94.8246, 99.8887,
108.6674

95.0500, 100.0000,
108.9000

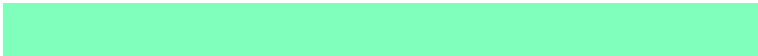
Harmonies

Analogous

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



60.6541, 79.6199, 38.2931



53.4820, 79.6199, 59.5631



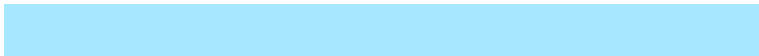
51.8981, 79.6199, 96.0436

Triad

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



53.4820, 79.6199, 59.5631



78.8746, 79.6199, 188.4326



99.4586, 79.6199, 48.1919

Complementary

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



53.4820, 79.6199, 59.5631



58.6800, 40.3795, 56.3310

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.



105.7924, 79.6199, 77.9690



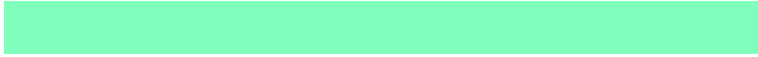
53.4820, 79.6199, 59.5631



92.9943, 79.6199, 164.6609

Square

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



53.4820, 79.6199, 59.5631



65.4913, 79.6199, 178.9080



103.2914, 79.6199, 121.0157



86.8661, 79.6199, 33.2889

Rectangle

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



53.4820, 79.6199, 59.5631



54.0234, 79.6199, 126.3077



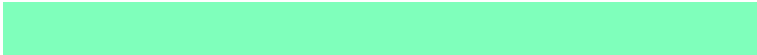
103.2914, 79.6199, 121.0157



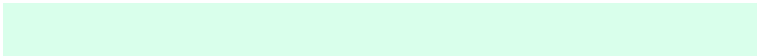
102.4569, 79.6199, 56.3699

Sweetspot

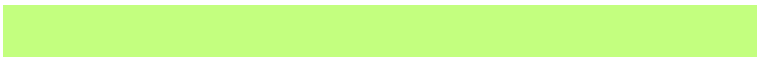
The Sweet Spot groups the original color and five complimentary colors.



53.4826, 79.6202, 59.5644



79.2502, 92.2131, 91.9771



62.1658, 84.6902, 33.1498



16.5394, 19.5292, 19.2105



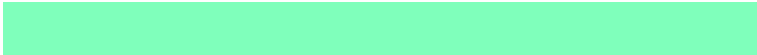
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

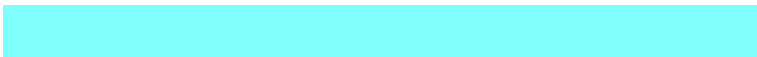
The Same Dimension uses a secret algorithm to generate beautiful new colors.



53.4826, 79.6202, 59.5644



48.8522, 77.3899, 52.2644



61.8833, 82.9804, 103.8018



18.1260, 20.3099, 20.9663



20.5160, 38.1030, 15.8683



2.0522, 3.7318, 1.8326

Inverse Universe

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



58.6800, 40.3795, 56.3310



54.5678, 34.1933, 48.6766



52.9447, 38.0853, 26.1291



18.4127, 18.1484, 20.7904



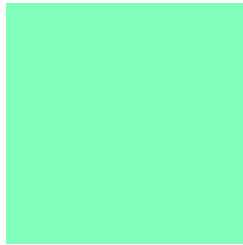
23.9273, 12.0602, 13.5333



2.3849, 1.1964, 1.6085

Previews

White Background



This preview shows how the XYZ color 53.4820, 79.6199, 59.5631 looks on a white background.

Color Contrast Check

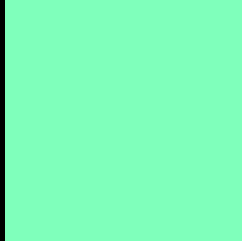
Large Text (above 18pt) WCAG AA × Fail

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 53.4820, 79.6199, 59.5631 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 53.4820, 79.6199, 59.5631

Background



This preview shows how black text looks on a background with the XYZ color 53.4820, 79.6199, 59.5631.



This preview shows how white text looks on a background with the XYZ color 53.4820, 79.6199,

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

53.4820, 79.6199, 59.5631

Protanopia

73.4134, 78.5462, 51.8491

Deuteranopia

78.5268, 78.3950, 68.1197



Tritanopia

67.1146, 78.7703, 106.2746

Trichromacy



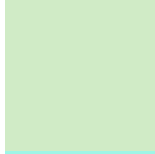
Original Color

53.4820, 79.6199, 59.5631



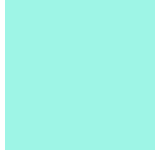
Protanomaly

63.0683, 76.9603, 54.1786



Deuteranomaly

65.9138, 76.9038, 64.7960



Tritanomaly

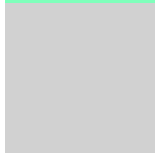
61.0359, 78.2871, 86.7569

Monochromacy



Original Color

53.4820, 79.6199, 59.5631



Achromatopsia

60.6036, 63.7597, 69.4343



Achromatomaly

56.3294, 68.1935, 65.4521

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.4820, 79.6199, 59.5631 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(127, 255, 187)` looks like.

```
.text, #text, p{  
    color:rgb(127, 255, 187)  
}
```

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(127, 255, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 255, 187) }
```

Border

The CSS property to change the border of an element to XYZ 53.4820, 79.6199, 59.5631 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(127, 255, 187) }
```


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

```
.border{ border-color:rgb(127, 255, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 255, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 255, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 255, 187);  
box-shadow:4px 4px 4px 4px rgb(127, 255,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 53.4820, 79.6199, 59.5631 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 255, 187) }
```

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

```
.background{ background-color: rgb(127,  
255, 187) }
```

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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