

Converting Colors

XYZ(64.0591, 100.0000,
66.9858)

Have a look what the booklet for
XYZ(64.0591, 100.0000, 66.9858)
contains.

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Color

**XYZ(53.9551, 79.7750,
63.5933)**

Conversions

Conversions Part 1

Format	Color
Hex	7DFFC2
RGB	125, 255, 194
RGB Percent	49%, 100%, 76%
CMY	0.5098, 0.0000, 0.2392
CMYK	0.51, 0.00, 0.24, 0.00
HSL	152°, 100%, 75%
HSV	152°, 51%, 100%
XYZ	53.9551, 79.7750, 63.5933
YIQ	209.1760, -57.8990, -46.5310

Conversions

Conversions Part 2

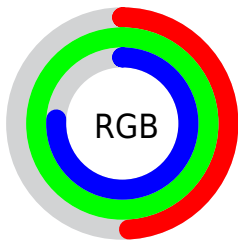
Format	Color
RYB	125, 210, 255
Decimal	8257474
CIELab	91.58, -49.72, 18.31
CIElCh	92, 52.987, 159.783
Yxy	79.7750, 0.2734, 0.4043
Android (android.graphics.Color)	4286447554 (0xFF7DFFC2)
YUV	209.1760, -7.4818, -73.8224
Hunter-Lab	89.3169, -48.4751, 20.3075

Details

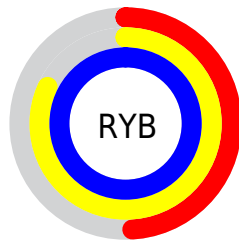
The XYZ color **53.9551, 79.7750, 63.5933** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **57.4371, 39.4734, 51.0470**, and the grayscale version is **60.7937, 63.9598, 69.6522**.

A 20% lighter version of the original color is **72.9398, 88.6754, 104.5385**, and **26.6865, 42.8501, 31.6753** is the 20% darker color. If you saturate the color by 10%, you get **49.4081, 77.5800, 56.6463**, and if you desaturate by 10%, it is **59.5672, 82.5066, 71.1576**.

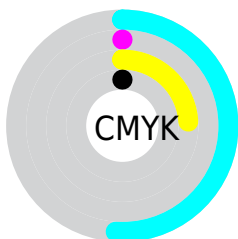
Distribution



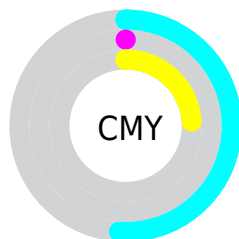
- Red (49%)
- Green (100%)
- Blue (76%)



- Red (49%)
- Yellow (82%)
- Blue (100%)



- Cyan (51%)
- Magenta (0%)
- Yellow (24%)
- Black (0%)





- Cyan (51%)
- Magenta (0%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.9551, 79.7750, 63.5933 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 53.9551, 79.7750, 63.5933 by changing the saturation by 10% instead.


 53.9551, 79.7750,
63.5933


 53.9551, 79.7750,
63.5933


392.1399,
494.1742, 455.8866


 38.7963, 59.5332,
45.8773


 95.1656, 133.0493,
111.6188

 26.7813, 43.0425,
31.8010


 121.9480,
166.8507, 142.7654

 17.5448, 29.9185,
20.9460


 153.3356,
205.9407, 179.2260

 10.7214, 19.7767,
12.8937

189.6939,
250.7038, 221.4190

 5.9457, 12.2328,
7.2255

231.3881,
301.5242, 269.7630

 2.8524, 6.9025,
3.5229

278.7836,

 1.0762, 3.4012,

358.7865, 324.6766

1.3675

332.2457,
422.8751, 386.5783

0.0051, 1.3446,
0.1161

0.0000, 0.1753,
0.0000

53.9551, 79.7750,
63.5933

53.9551, 79.7750,
63.5933

49.4081, 77.5800,
56.6463

59.5672, 82.5066,
71.1576

45.8468, 75.8810,
50.2959

66.3114, 85.8090,
79.3514

43.1835, 74.6330,
44.5254

74.2516, 89.7149,
88.1911

41.3127, 73.7819,
39.3156

83.4462, 94.2541,
97.6916

■ 40.1577, 73.2791,
35.0778

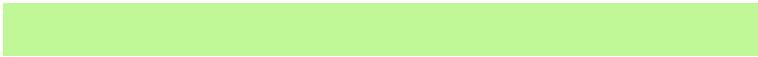
93.9495, 99.4544,
107.8671

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.



60.3785, 79.7750, 41.2962



53.9551, 79.7750, 63.5933



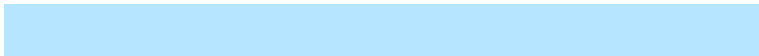
52.9859, 79.7750, 100.1339

Triad

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



53.9551, 79.7750, 63.5933



80.3266, 79.7750, 182.8050



97.6028, 79.7750, 47.4056

Complementary

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



53.9551, 79.7750, 63.5933



57.4371, 39.4734, 51.0470

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.



104.4299, 79.7750, 74.8168



53.9551, 79.7750, 63.5933



93.7011, 79.7750, 157.5414

Square

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



53.9551, 79.7750, 63.5933



67.1917, 79.7750, 177.1115



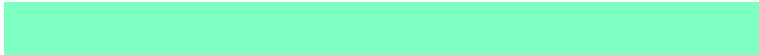
102.9229, 79.7750, 115.2083



85.1651, 79.7750, 34.0606

Rectangle

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



53.9551, 79.7750, 63.5933



55.4284, 79.7750, 129.3310



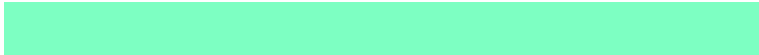
102.9229, 79.7750, 115.2083



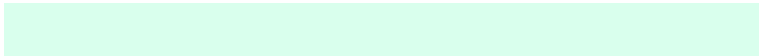
100.6933, 79.7750, 54.8848

Sweetspot

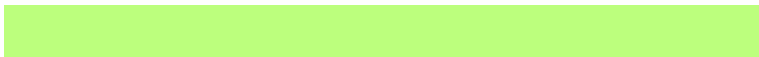
The Sweet Spot groups the original color and five complimentary colors.



53.9558, 79.7754, 63.5947



79.5947, 92.3509, 93.7911



60.1604, 83.6712, 32.3826



16.6222, 19.5623, 19.6467



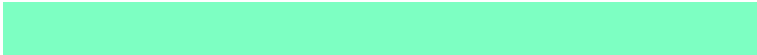
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



53.9558, 79.7754, 63.5947



49.3996, 77.5760, 56.6324



61.5807, 81.7257, 107.1367



18.1745, 20.3293, 21.2220



21.0594, 38.3204, 18.7301



2.1057, 3.7532, 2.1145

Inverse Universe

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



57.4371, 39.4734, 51.0470



53.2332, 33.2646, 42.8658



52.5533, 37.9635, 23.9611



18.3641, 18.1290, 20.5347



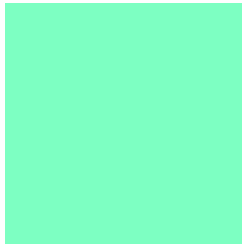
23.3832, 11.8426, 10.6683



2.3314, 1.1749, 1.3264

Previews

White Background



This preview shows how the XYZ color 53.9551, 79.7750, 63.5933 looks on a white background.

Color Contrast Check

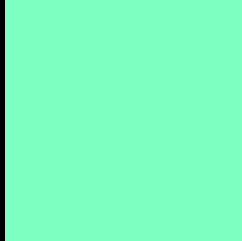
Large Text (above 18pt) WCAG AA × Fail

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 53.9551, 79.7750, 63.5933 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 53.9551, 79.7750, 63.5933

Background



This preview shows how black text looks on a background with the XYZ color 53.9551, 79.7750, 63.5933.

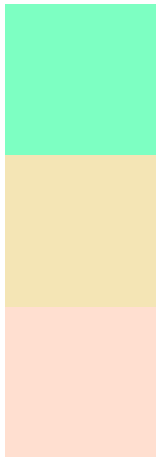


This preview shows how white text looks on a background with the XYZ color 53.9551, 79.7750,

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

53.9551, 79.7750, 63.5933

Protanopia

73.6680, 78.6079, 55.0062

Deuteranopia

79.0128, 78.5894, 70.6794



Tritanopia

67.4098, 79.3607, 106.3730

Trichromacy



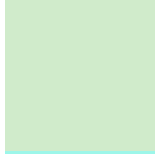
Original Color

53.9551, 79.7750, 63.5933



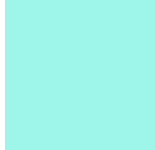
Protanomaly

63.5249, 77.1117, 57.9903



Deuteranomaly

66.5002, 77.1384, 67.8842



Tritanomaly

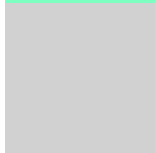
61.5684, 78.9628, 89.0871

Monochromacy



Original Color

53.9551, 79.7750, 63.5933



Achromatopsia

60.6036, 63.7597, 69.4343



Achromatomaly

56.4555, 68.2173, 67.3185

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.9551, 79.7750, 63.5933 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(125, 255, 194)` looks like.

```
.text, #text, p{  
    color:rgb(125, 255, 194)  
}
```

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(125, 255, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 255, 194) }
```

Border

The CSS property to change the border of an element to XYZ 53.9551, 79.7750, 63.5933 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(125, 255, 194) }
```


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

```
.border{ border-color:rgb(125, 255, 194) }
```

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

Here you see how a box with a 4 pixel rgb(125, 255, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 255, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 255, 194);  
box-shadow:4px 4px 4px 4px rgb(125, 255,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 53.9551, 79.7750, 63.5933 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 255, 194) }
```

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

```
.background{ background-color: rgb(125,  
255, 194) }
```

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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