

Converting Colors

XYZ(75.9141, 124.4381,
70.2916)

Have a look what the booklet for
XYZ(75.9141, 124.4381, 70.2916)
contains.

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Color

**XYZ(53.5540, 79.5812,
62.9902)**

Conversions

Conversions Part 1

Format	Color
Hex	7BFFC1
RGB	123, 255, 193
RGB Percent	48%, 100%, 76%
CMY	0.5176, 0.0000, 0.2431
CMYK	0.52, 0.00, 0.24, 0.00
HSL	152°, 100%, 74%
HSV	152°, 52%, 100%
XYZ	53.5540, 79.5812, 62.9902
YIQ	208.4640, -58.7700, -47.2660

Conversions

Conversions Part 2

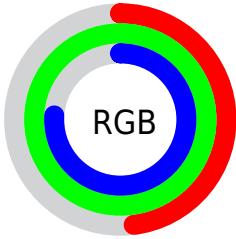
Format	Color
RYB	123, 209, 255
Decimal	8126401
CIELab	91.50, -50.37, 18.69
CIELCh	91, 53.731, 159.644
Yxy	79.5812, 0.2731, 0.4058
Android (android.graphics.Color)	4286316481 (0xFF7BFFC1)
YUV	208.4640, -7.6238, -74.9519
Hunter-Lab	89.2083, -48.9564, 20.5810

Details

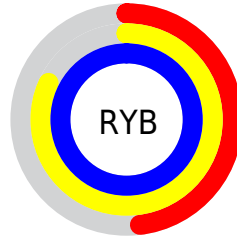
The XYZ color **53.5540, 79.5812, 62.9902** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **57.0804, 38.9295, 50.4050**, and the grayscale version is **60.3308, 63.4727, 69.1217**.

A 20% lighter version of the original color is **72.5438, 88.4894, 103.6992**, and **26.4301, 42.7264, 31.2801** is the 20% darker color. If you saturate the color by 10%, you get **49.0866, 77.4263, 56.0872**, and if you desaturate by 10%, it is **59.0809, 82.2697, 70.5103**.

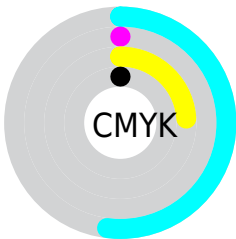
Distribution



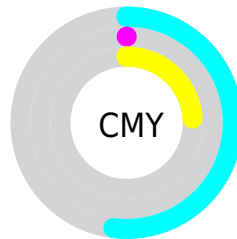
- Red (48%)
- Green (100%)
- Blue (76%)



- Red (48%)
- Yellow (82%)
- Blue (100%)



- Cyan (52%)
- Magenta (0%)
- Yellow (24%)
- Black (0%)





- Cyan (52%)
- Magenta (0%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.5540, 79.5812, 62.9902 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 53.5540, 79.5812, 62.9902 by changing the saturation by 10% instead.


 53.5540, 79.5812,
62.9902


 53.5540, 79.5812,
62.9902


390.6331,
493.5203, 453.6409


 38.4745, 59.3738,
45.3923


 94.5798, 132.7768,
110.7408

 26.5300, 42.9141,
31.4214


 121.2568,
166.5337, 141.7306

 17.3553, 29.8177,
20.6588


 152.5303,
205.5759, 178.0215

 10.5850, 19.7003,
12.6860

188.7657,
250.2878, 220.0320

 5.8538, 12.1774,
7.0845

230.3283,
301.0539, 268.1807

 2.7962, 6.8646,
3.4358

277.5835,

 1.0469, 3.3776,

358.2583, 322.8860

1.3212

330.8967,
422.2857, 384.5666

0.0000, 1.3319,
0.0791

0.0000, 0.1657,
0.0000

53.5540, 79.5812,
62.9902

53.5540, 79.5812,
62.9902

49.0866, 77.4263,
56.0872

59.0809, 82.2697,
70.5103

45.5987, 75.7642,
49.7804


65.7349, 85.5265,
78.6596

43.0014, 74.5493,
44.0531

73.5805, 89.3845,
87.4549

41.1874, 73.7267,
38.8859

82.6761, 93.8736,
96.9111

 40.1493, 73.2757,
35.0338

 93.0766, 99.0217,
107.0423

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.



60.0625, 79.5812, 40.6107



53.5540, 79.5812, 62.9902



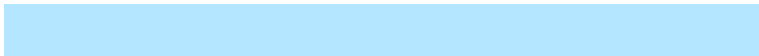
52.5503, 79.5812, 99.8978

Triad

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



53.5540, 79.5812, 62.9902



80.1338, 79.5812, 184.2039



97.7651, 79.5812, 46.9142

Complementary

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



53.5540, 79.5812, 62.9902



57.0804, 38.9295, 50.4050

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.



104.6604, 79.5812, 74.6292



53.5540, 79.5812, 62.9902



93.7008, 79.5812, 158.5988

Square

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



53.5540, 79.5812, 62.9902



66.8503, 79.5812, 178.2486



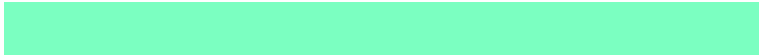
103.0894, 79.5812, 115.5979



85.1673, 79.5812, 33.4599

Rectangle

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



53.5540, 79.5812, 62.9902



54.9971, 79.5812, 129.5243



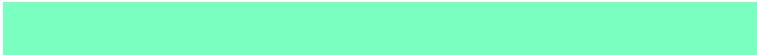
103.0894, 79.5812, 115.5979



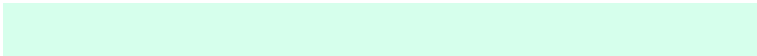
100.8918, 79.5812, 54.4657

Sweetspot

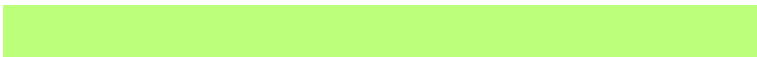
The Sweet Spot groups the original color and five complimentary colors.



53.5547, 79.5815, 62.9915



78.6666, 91.8929, 92.8234



59.7803, 83.4899, 31.7043



16.4387, 19.4719, 19.4522



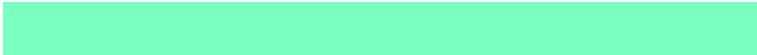
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



53.5547, 79.5815, 62.9915



48.9931, 77.3815, 55.9313



61.2810, 81.5555, 107.1197



18.1742, 20.3292, 21.2201



21.0551, 38.3186, 18.7070



2.1053, 3.7530, 2.1123

Inverse Universe

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



57.0804, 38.9295, 50.4050



52.8712, 32.7372, 42.1394



52.1747, 37.4088, 23.2106



18.3645, 18.1291, 20.5366



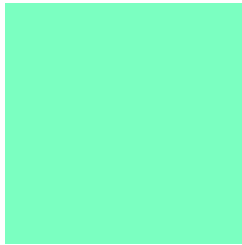
23.3869, 11.8441, 10.6881



2.3317, 1.1751, 1.3284

Previews

White Background



This preview shows how the XYZ color 53.5540, 79.5812, 62.9902 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 53.5540, 79.5812, 62.9902 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

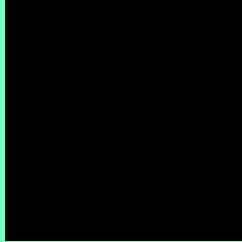
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.5540, 79.5812, 62.9902

Background



This preview shows how black text looks on a background with the XYZ color 53.5540, 79.5812, 62.9902.

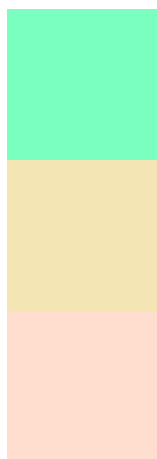


This preview shows how white text looks on a background with the XYZ color 53.5540, 79.5812,

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

53.5540, 79.5812, 62.9902

Protanopia

73.5658, 78.5670, 54.4676

Deuteranopia

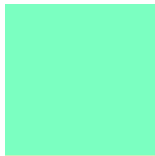
78.6238, 78.0075, 69.9445



Tritanopia

67.1845, 79.2446, 106.3625

Trichromacy



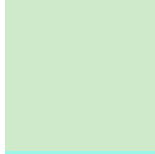
Original Color

53.5540, 79.5812, 62.9902



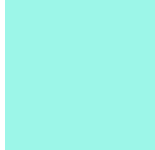
Protanomaly

63.1509, 76.9312, 57.4197



Deuteranomaly

65.8156, 76.3753, 67.1502



Tritanomaly

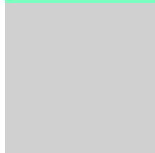
61.2316, 78.8056, 88.3277

Monochromacy



Original Color

53.5540, 79.5812, 62.9902



Achromatopsia

59.9535, 63.0757, 68.6895



Achromatomaly

55.8362, 67.5093, 66.5876

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.5540, 79.5812, 62.9902 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(123, 255, 193)` looks like.

```
.text, #text, p{  
    color:rgb(123, 255, 193)  
}
```

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(123, 255, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 255, 193) }
```

Border

The CSS property to change the border of an element to XYZ 53.5540, 79.5812, 62.9902 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(123, 255, 193) }
```


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

```
.border{ border-color:rgb(123, 255, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 255, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 255, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 255, 193);  
box-shadow:4px 4px 4px 4px rgb(123, 255,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 53.5540, 79.5812, 62.9902 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 255, 193) }
```

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

```
.background{ background-color: rgb(123,  
255, 193) }
```

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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