

Converting Colors

XYZ(48.5834, 74.8095, 55.6070)

Have a look what the booklet for
XYZ(48.5834, 74.8095, 55.6070)
contains.

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Color

**XYZ(48.5895, 74.8332,
55.5994)**

Conversions

Conversions Part 1

Format	Color
Hex	6BFAB5
RGB	107, 250, 181
RGB Percent	42%, 98%, 71%
CMY	0.5804, 0.0196, 0.2902
CMYK	0.57, 0.00, 0.28, 0.02
HSL	151°, 93%, 70%
HSV	151°, 57%, 98%
XYZ	48.5895, 74.8332, 55.5994
YIQ	199.3770, -63.0790, -51.7750

Conversions

Conversions Part 2

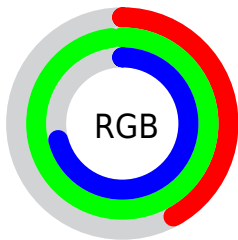
Format	Color
RYB	107, 201, 250
Decimal	7076533
CIELab	89.31, -54.15, 21.72
CIELCh	89, 58.341, 158.143
Yxy	74.8332, 0.2714, 0.4180
Android (android.graphics.Color)	4285266613 (0xFF6BFAB5)
YUV	199.3770, -9.0599, -81.0146
Hunter-Lab	86.5062, -51.1245, 22.4474

Details

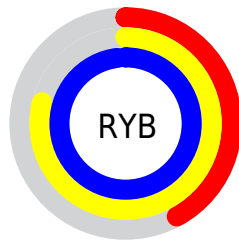
The XYZ color **48.5895, 74.8332, 55.5994** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **52.5209, 33.9757, 44.8668**, and the grayscale version is **54.6002, 57.4436, 62.5561**.

A 20% lighter version of the original color is **67.1945, 85.9593, 93.1710**, and **23.5619, 40.0055, 26.9021** is the 20% darker color. If you saturate the color by 10%, you get **44.8226, 73.0302, 49.2399**, and if you desaturate by 10%, it is **53.3362, 77.1329, 62.5676**.

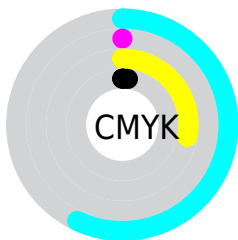
Distribution



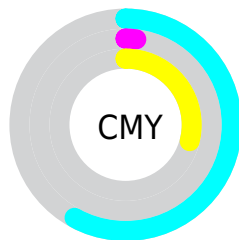
- Red (42%)
- Green (98%)
- Blue (71%)



- Red (42%)
- Yellow (79%)
- Blue (98%)



- Cyan (57%)
- Magenta (0%)
- Yellow (28%)
- Black (2%)





- Cyan (58%)
- Magenta (2%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.5895, 74.8332, 55.5994 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 48.5895, 74.8332, 55.5994 by changing the saturation by 10% instead.


 48.5895, 74.8332,
55.5994


 48.5895, 74.8332,
55.5994


371.6678,
477.3441, 425.5259


 34.5071, 55.4763,
39.4800


 87.2859, 126.0762,
99.8986

 23.4482, 39.7832,
26.8226


 112.6306,
158.7311, 128.9154

 15.0473, 27.3695,
17.2088


 142.4601,
196.5874, 163.0684

 8.9391, 17.8509,
10.2199

177.1399,
240.0295, 202.7762

 4.7583, 10.8430,
5.4375

217.0352,
289.4418, 248.4573

 2.1394, 5.9614,
2.4430

262.5113,

 0.7105, 2.8216,

345.2088, 300.5303

0.8097

313.9338,
407.7147, 359.4136

■ 0.0000, 1.0393,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 48.5895, 74.8332,
55.5994

■ 48.5895, 74.8332,
55.5994

■ 44.8226, 73.0302,
49.2399

■ 53.3362, 77.1329,
62.5676

■ 41.9496, 71.6739,
43.4661


■ 59.1274, 79.9565,
70.1562


■ 39.8790, 70.7196,
38.2606


■ 66.0289, 83.3393,
78.3830


■ 38.4909, 70.1056,
33.6024

■ 74.0991, 87.3115,
87.2636

 38.1741, 69.9688,
32.3915

 83.3924, 91.9006,
96.8128

 93.2176, 96.7502,
107.0101

 93.4770, 96.8539,
108.3757

Harmonies

Analogous

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



55.4978, 74.8332, 34.0055



48.5895, 74.8332, 55.5994



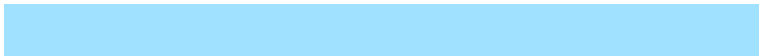
47.2868, 74.8332, 93.1198

Triad

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



48.5895, 74.8332, 55.5994



75.0824, 74.8332, 186.5789



94.9482, 74.8332, 41.9616

Complementary

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



48.5895, 74.8332, 55.5994



52.5209, 33.9757, 44.8668

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.



101.8743, 74.8332, 70.8542



48.5895, 74.8332, 55.5994



89.4446, 74.8332, 160.1731

Square

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



48.5895, 74.8332, 55.5994



61.3979, 74.8332, 178.2731



99.7360, 74.8332, 114.3569



81.8325, 74.8332, 28.1632

Rectangle

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



48.5895, 74.8332, 55.5994



49.5821, 74.8332, 124.4241



99.7360, 74.8332, 114.3569



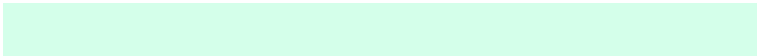
98.1521, 74.8332, 49.7658

Sweetspot

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



48.5915, 74.8362, 55.6011



77.6737, 91.4103, 91.4541



54.7727, 78.6797, 26.2107



16.2394, 19.3753, 19.1626



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.



48.5915, 74.8362, 55.6011



46.2537, 76.0904, 50.3285



56.7708, 76.9304, 102.3030



17.3924, 19.4593, 20.2672



20.3211, 37.1414, 17.5661



1.9357, 3.4614, 1.9091

Inverse Universe

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



52.5209, 33.9757, 44.8668



50.7360, 29.5377, 38.1259



47.5899, 32.4064, 17.6576



17.5935, 17.3648, 19.7152



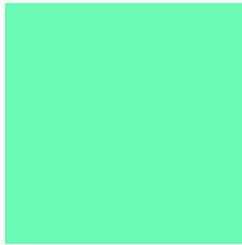
22.8025, 11.5367, 10.9345



2.1652, 1.0898, 1.2933

Previews

White Background



This preview shows how the XYZ color 48.5895, 74.8332, 55.5994 looks on a white background.

Color Contrast Check

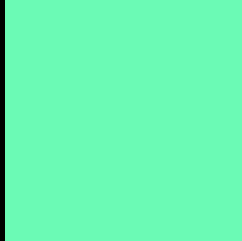
Large Text (above 18pt) WCAG AA × Fail

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 48.5895, 74.8332, 55.5994 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 48.5895, 74.8332, 55.5994

Background



This preview shows how black text looks on a background with the XYZ color 48.5895, 74.8332, 55.5994.



This preview shows how white text looks on a background with the XYZ color 48.5895, 74.8332,

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

48.5895, 74.8332, 55.5994

Protanopia

68.4491, 73.2468, 47.5762

Deuteranopia

74.8347, 73.5786, 58.9731



Tritanopia

60.6572, 74.5721, 105.8046

Trichromacy



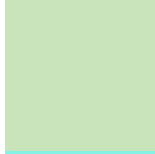
Original Color

48.5895, 74.8332, 55.5994



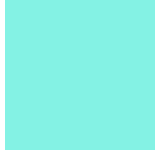
Protanomaly

57.6346, 71.6775, 50.3326



Deuteranomaly

60.8004, 71.4922, 57.6086



Tritanomaly

55.2714, 74.0112, 84.7713

Monochromacy



Original Color

48.5895, 74.8332, 55.5994



Achromatopsia

54.2854, 57.1125, 62.1955



Achromatomaly

50.3117, 62.0556, 59.1954

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.5895, 74.8332, 55.5994 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(107, 250, 181)` looks like.

```
.text, #text, p{  
    color:rgb(107, 250, 181)  
}
```

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(107, 250, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 250, 181) }
```

Border

The CSS property to change the border of an element to XYZ 48.5895, 74.8332, 55.5994 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(107, 250, 181) }
```


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

```
.border{ border-color:rgb(107, 250, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 250, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 250, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 250, 181);  
box-shadow:4px 4px 4px 4px rgb(107, 250,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 48.5895, 74.8332, 55.5994 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 250, 181) }
```

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

```
.background{ background-color: rgb(107,  
250, 181) }
```

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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