

Converting Colors

XYZ(73.0353, 120.0472,
70.3434)

Have a look what the booklet for
XYZ(73.0353, 120.0472, 70.3434)
contains.

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Color

**XYZ(52.5678, 79.0599,
63.5284)**

Conversions

Conversions Part 1

Format	Color
Hex	73FFC2
RGB	115, 255, 194
RGB Percent	45%, 100%, 76%
CMY	0.5490, 0.0000, 0.2392
CMYK	0.55, 0.00, 0.24, 0.00
HSL	154°, 100%, 73%
HSV	154°, 55%, 100%
XYZ	52.5678, 79.0599, 63.5284
YIQ	206.1860, -63.8590, -48.6510

Conversions

Conversions Part 2

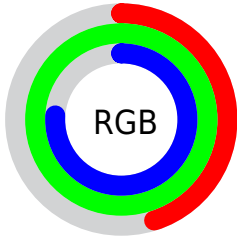
Format	Color
RYB	115, 204, 255
Decimal	7602114
CIELab	91.26, -51.91, 17.81
CIELCh	91, 54.882, 161.062
Yxy	79.0599, 0.2694, 0.4051
Android (android.graphics.Color)	4285792194 (0xFF73FFC2)
YUV	206.1860, -6.0077, -79.9701
Hunter-Lab	88.9156, -50.0714, 19.8795

Details

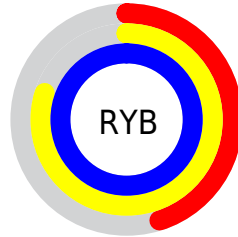
The XYZ color **52.5678, 79.0599, 63.5284** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **55.2076, 36.6568, 45.2404**, and the grayscale version is **58.8520, 61.9169, 67.4275**.

A 20% lighter version of the original color is **71.0771, 87.7151, 104.4513**, and **25.8266, 42.4068, 31.6351** is the 20% darker color. If you saturate the color by 10%, you get **48.4642, 77.0832, 57.0649**, and if you desaturate by 10%, it is **57.6932, 81.5525, 70.5295**.

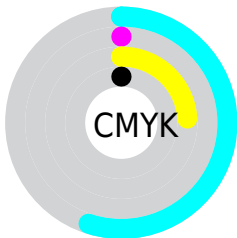
Distribution



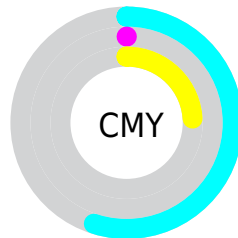
- Red (45%)
- Green (100%)
- Blue (76%)



- Red (45%)
- Yellow (80%)
- Blue (100%)



- Cyan (55%)
- Magenta (0%)
- Yellow (24%)
- Black (0%)





- Cyan (55%)
- Magenta (0%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.5678, 79.0599, 63.5284 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 52.5678, 79.0599, 63.5284 by changing the saturation by 10% instead.


 52.5678, 79.0599,
63.5284


 52.5678, 79.0599,
63.5284


386.9128,
491.7590, 455.6452


 37.6840, 58.9451,
45.8251


 93.1374, 132.0432,
111.5244

 25.9136, 42.5689,
31.7601


 119.5538,
165.6804, 142.6542

 16.8913, 29.5470,
20.9151


 150.5451,
204.5939, 179.0965

 10.2519, 19.4950,
12.8713

186.4767,
249.1680, 221.2699

 5.6298, 12.0285,
7.2103

227.7139,
299.7872, 269.5929

 2.6598, 6.7631,
3.5135

274.6221,

 0.9765, 3.3144,

356.8358, 324.4841

1.3625

327.5666,
420.6983, 386.3621

0.0000, 1.2980,
0.1122

0.0000, 0.1396,
0.0000

52.5678, 79.0599,
63.5284

52.5678, 79.0599,
63.5284

48.4642, 77.0832,
57.0649

57.6932, 81.5525,
70.5295

45.2999, 75.5802,
51.1205

63.9101, 84.5967,
78.0776

42.9820, 74.5033,
45.6813

71.2839, 88.2262,
86.1872

41.3957, 73.7934,
40.7305

79.8742, 92.4714,
94.8706

■ 40.7860, 73.5304,
38.3864

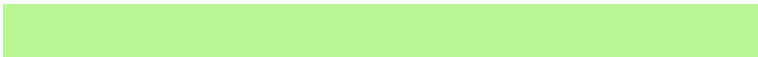
■ 89.7365, 97.3606,
104.1399

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.



58.9008, 79.0599, 40.2623



52.5678, 79.0599, 63.5284



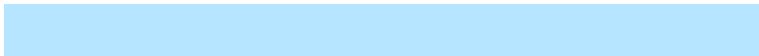
51.8217, 79.0599, 101.6410

Triad

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



52.5678, 79.0599, 63.5284



80.3965, 79.0599, 185.3328



97.1813, 79.0599, 44.9160

Complementary

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



52.5678, 79.0599, 63.5284



55.2076, 36.6568, 45.2404

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.



104.5859, 79.0599, 72.1992



52.5678, 79.0599, 63.5284



94.1287, 79.0599, 157.7643

Square

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



52.5678, 79.0599, 63.5284



66.7894, 79.0599, 180.8271



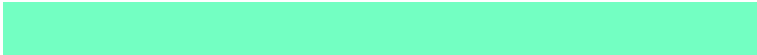
103.4045, 79.0599, 113.4285



84.1679, 79.0599, 32.0360

Rectangle

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



52.5678, 79.0599, 63.5284



54.4727, 79.0599, 131.9905



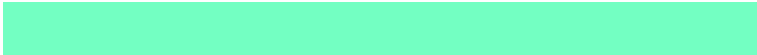
103.4045, 79.0599, 113.4285



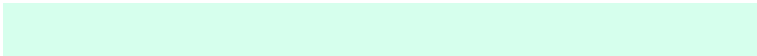
100.4774, 79.0599, 52.2851

Sweetspot

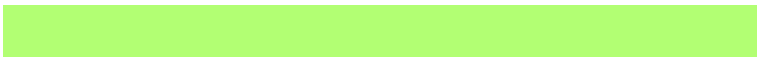
The Sweet Spot groups the original color and five complimentary colors.



52.5685, 79.0602, 63.5297



78.8687, 91.9737, 93.8877



57.2152, 82.2230, 29.0756



16.4869, 19.4911, 19.7059



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.



52.5685, 79.0602, 63.5297



48.0720, 76.8956, 56.3862



58.6881, 77.9999, 106.5700



18.2009, 20.3399, 21.3611



21.3879, 38.4518, 20.4600



2.1374, 3.7659, 2.2812

Inverse Universe

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



55.2076, 36.6568, 45.2404



50.9717, 30.5670, 36.4848



51.2946, 36.4176, 20.5464



18.3380, 18.1185, 20.3973



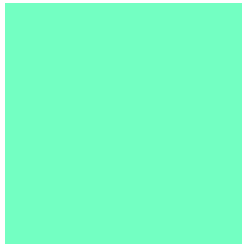
23.1229, 11.7384, 9.2974



2.3051, 1.1644, 1.1879

Previews

White Background



This preview shows how the XYZ color 52.5678, 79.0599, 63.5284 looks on a white background.

Color Contrast Check

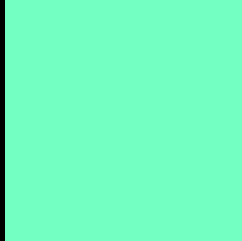
Large Text (above 18pt) WCAG AA × Fail

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 52.5678, 79.0599, 63.5284 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

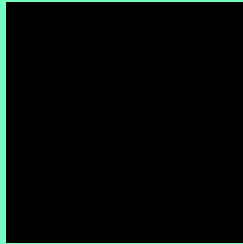
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.5678, 79.0599, 63.5284

Background



This preview shows how black text looks on a background with the XYZ color 52.5678, 79.0599, 63.5284.



This preview shows how white text looks on a background with the XYZ color 52.5678, 79.0599,

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

52.5678, 79.0599, 63.5284

Protanopia

73.0460, 77.8777, 54.8980

Deuteranopia

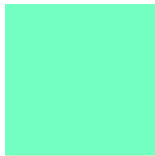
78.2370, 77.4291, 69.2143



Tritanopia

66.0829, 78.6766, 106.3109

Trichromacy



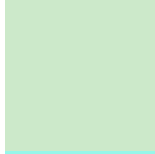
Original Color

52.5678, 79.0599, 63.5284



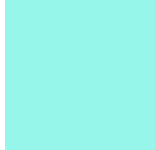
Protanomaly

62.2024, 76.4300, 57.9284



Deuteranomaly

64.7014, 75.3795, 67.0167



Tritanomaly

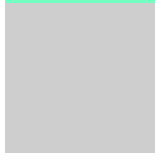
60.2414, 78.2788, 89.0250

Monochromacy



Original Color

52.5678, 79.0599, 63.5284



Achromatopsia

58.6655, 61.7207, 67.2138



Achromatomaly

54.5499, 66.4598, 65.8301

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.5678, 79.0599, 63.5284 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(115, 255, 194)` looks like.

```
.text, #text, p{  
    color:rgb(115, 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(115, 255, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 255, 194) }
```

Border

The CSS property to change the border of an element to XYZ 52.5678, 79.0599, 63.5284 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(115, 255, 194) }
```


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

```
.border{ border-color:rgb(115, 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(115, 255, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 255, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 255, 194);  
box-shadow:4px 4px 4px 4px rgb(115, 255,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 52.5678, 79.0599, 63.5284 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 255, 194) }
```

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

```
.background{ background-color: rgb(115,  
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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