

Converting Colors

XYZ(51.7620, 78.4833, 55.2419)

Have a look what the booklet for
XYZ(51.7620, 78.4833, 55.2419)
contains.

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Color

**XYZ(51.6045, 78.2759,
55.0367)**

Conversions

Conversions Part 1

Format	Color
Hex	7AFEB3
RGB	122, 254, 179
RGB Percent	48%, 100%, 70%
CMY	0.5216, 0.0039, 0.2980
CMYK	0.52, 0.00, 0.30, 0.00
HSL	146°, 99%, 74%
HSV	146°, 52%, 100%
XYZ	51.6045, 78.2759, 55.0367
YIQ	205.9820, -54.5970, -51.3090

Conversions

Conversions Part 2

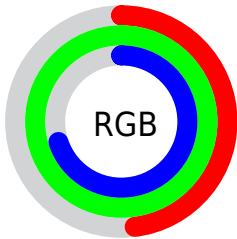
Format	Color
RYB	122, 214, 254
Decimal	8060595
CIELab	90.91, -52.90, 25.00
CIELCh	91, 58.512, 154.702
Yxy	78.2759, 0.2791, 0.4233
Android (android.graphics.Color)	4286250675 (0xFF7AFEB3)
YUV	205.9820, -13.3021, -73.6522
Hunter-Lab	88.4737, -50.7143, 25.0491

Details

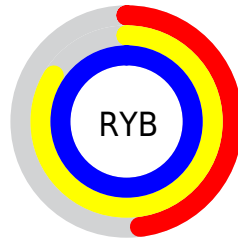
The XYZ color **51.6045, 78.2759, 55.0367** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **57.9131, 39.0227, 57.3058**, and the grayscale version is **58.7639, 61.8242, 67.3265**.

A 20% lighter version of the original color is **70.0468, 87.4632, 91.7875**, and **25.2507, 41.8858, 26.4926** is the 20% darker color. If you saturate the color by 10%, you get **47.0832, 76.1071, 47.6011**, and if you desaturate by 10%, it is **57.2225, 80.9966, 63.3246**.

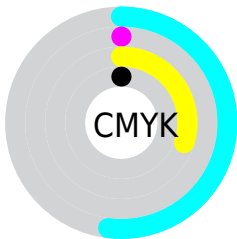
Distribution



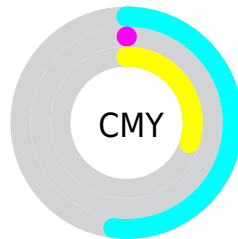
- Red (48%)
- Green (100%)
- Blue (70%)



- Red (48%)
- Yellow (84%)
- Blue (100%)



- Cyan (52%)
- Magenta (0%)
- Yellow (30%)
- Black (0%)





- Cyan (52%)
- Magenta (0%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.6045, 78.2759, 55.0367 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 51.6045, 78.2759, 55.0367 by changing the saturation by 10% instead.


 51.6045, 78.2759,
55.0367


 51.6045, 78.2759,
55.0367

383.2569,
489.1033, 423.3369

 36.9129, 58.3007,
39.0323


 91.7254, 130.9390,
99.0664

 25.3134, 42.0504,
26.4768


 117.8854,
164.3956, 127.9288

 16.4407, 29.1408,
16.9517


 148.5989,
203.1148, 161.9143

 9.9294, 19.1873,
10.0385

184.2314,
247.4810, 201.4414

 5.4141, 11.8057,
5.3186

225.1480,
297.8785, 246.9287

 2.5294, 6.6115,
2.3734

271.7143,

 0.9101, 3.2204,

354.6918, 298.7947

0.7719

324.2954,
418.3053, 357.4579

0.0000, 1.2478,
0.0000

0.0000, 0.1003,
0.0000

51.6045, 78.2759,
55.0367

51.6045, 78.2759,
55.0367

47.0832, 76.1071,
47.6011

57.2225, 80.9966,
63.3246

43.5727, 74.4403,
40.9843


64.0022, 84.2959,
72.4861


40.9841, 73.2320,
35.1581

72.0107, 88.2100,
82.5485

39.2080, 72.4267,
30.0904

81.3080, 92.7694,
93.5360

 38.2405, 72.0055,
26.5442

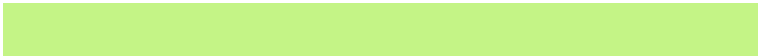
 91.9502, 98.0025,
105.4722

94.7333, 99.3666,
108.7944

Harmonies

Analogous

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



59.4021, 78.2759, 34.3996



51.6045, 78.2759, 55.0367



49.5767, 78.2759, 92.0577

Triad

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



51.6045, 78.2759, 55.0367



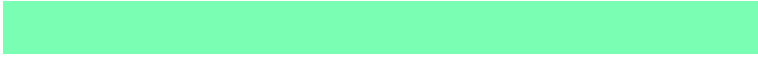
76.7465, 78.2759, 194.4162



100.2160, 78.2759, 46.8677

Complementary

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



51.6045, 78.2759, 55.0367



57.9131, 39.0227, 57.3058

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.



106.3703, 78.2759, 78.7469



51.6045, 78.2759, 55.0367



91.7285, 78.2759, 170.8891

Square

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



51.6045, 78.2759, 55.0367



62.9332, 78.2759, 181.6892



103.0765, 78.2759, 124.8318



87.1789, 78.2759, 30.8921

Rectangle

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



51.6045, 78.2759, 55.0367



51.5070, 78.2759, 123.8483



103.0765, 78.2759, 124.8318



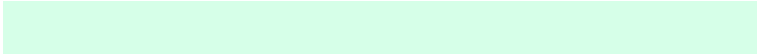
103.2313, 78.2759, 55.6099

Sweetspot

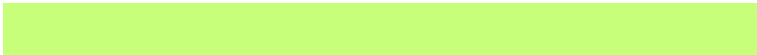
The Sweet Spot groups the original color and five complimentary colors.



51.6066, 78.2791, 55.0385



78.0896, 91.6621, 89.7852



62.5104, 84.4344, 31.4159



16.3015, 19.4170, 18.7295



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.



51.6066, 78.2791, 55.0385



47.4861, 76.7787, 47.9952



59.6480, 81.4957, 97.3840



18.0972, 20.2984, 20.8149



20.2307, 37.9889, 14.3660



2.0233, 3.7203, 1.6807

Inverse Universe

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



57.9131, 39.0227, 57.3058



54.4463, 33.3672, 50.4336



52.0684, 36.6848, 26.5277



18.4418, 18.1600, 20.9438



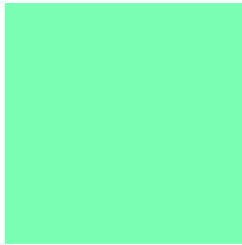
24.2912, 12.2058, 15.4496



2.4200, 1.2104, 1.7930

Previews

White Background



This preview shows how the XYZ color 51.6045, 78.2759, 55.0367 looks on a white background.

Color Contrast Check

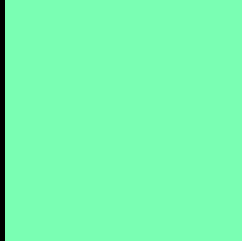
Large Text (above 18pt) WCAG AA × Fail

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 51.6045, 78.2759, 55.0367 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 51.6045, 78.2759, 55.0367

Background



This preview shows how black text looks on a background with the XYZ color 51.6045, 78.2759, 55.0367.

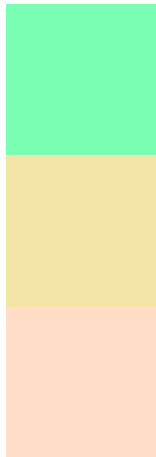


This preview shows how white text looks on a background with the XYZ color 51.6045, 78.2759,

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

51.6045, 78.2759, 55.0367

Protanopia

71.7524, 76.9613, 47.6325

Deuteranopia

77.2895, 77.0501, 64.2246



Tritanopia

65.5723, 77.9752, 106.2024

Trichromacy



Original Color

51.6045, 78.2759, 55.0367



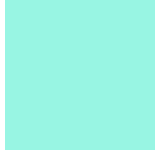
Protanomaly

61.4543, 75.7880, 49.9176



Deuteranomaly

64.2750, 75.3048, 60.4378



Tritanomaly

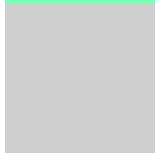
59.4664, 77.5263, 84.5029

Monochromacy



Original Color

51.6045, 78.2759, 55.0367



Achromatopsia

58.6655, 61.7207, 67.2138



Achromatomaly

54.0307, 65.8748, 62.0919

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.6045, 78.2759, 55.0367 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(122, 254, 179)` looks like.

```
.text, #text, p{  
    color:rgb(122, 254, 179)  
}
```

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(122, 254, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 254, 179) }
```

Border

The CSS property to change the border of an element to XYZ 51.6045, 78.2759, 55.0367 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(122, 254, 179) }
```


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

```
.border{ border-color:rgb(122, 254, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 254, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 254, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 254, 179);  
box-shadow:4px 4px 4px 4px rgb(122, 254,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 51.6045, 78.2759, 55.0367 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 254, 179) }
```

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

```
.background{ background-color: rgb(122,  
254, 179) }
```

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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