

Converting Colors

XYZ(53.8739, 76.3578, 61.7163)

Have a look what the booklet for
XYZ(53.8739, 76.3578, 61.7163)
contains.

XYZ(54.0663, 76.6033, 61.8055)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(54.0663, 76.6033,
61.8055)**

Conversions

Conversions Part 1

Format	Color
Hex	8DF8C0
RGB	141, 248, 192
RGB Percent	55%, 97%, 75%
CMY	0.4471, 0.0274, 0.2471
CMYK	0.43, 0.00, 0.23, 0.03
HSL	149°, 88%, 76%
HSV	149°, 43%, 97%
XYZ	54.0663, 76.6033, 61.8055
YIQ	209.6230, -45.7960, -40.1000

Conversions

Conversions Part 2

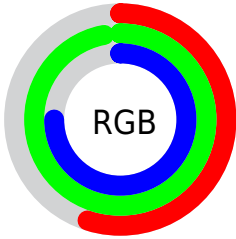
Format	Color
RYB	141, 213, 248
Decimal	9304256
CIELab	90.14, -43.21, 17.40
CIELCh	90, 46.581, 158.065
Yxy	76.6033, 0.2809, 0.3980
Android (android.graphics.Color)	4287494336 (0xFF8DF8C0)
YUV	209.6230, -8.6881, -60.1824
Hunter-Lab	87.5233, -42.8999, 19.3981

Details

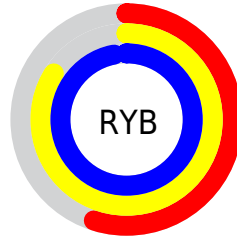
The XYZ color **54.0663, 76.6033, 61.8055** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **58.3168, 43.0391, 58.0598**, and the grayscale version is **61.0897, 64.2711, 69.9912**.

A 20% lighter version of the original color is **76.4121, 90.5017, 103.0638**, and **26.8744, 40.9814, 30.5385** is the 20% darker color. If you saturate the color by 10%, you get **48.9371, 74.1201, 54.3869**, and if you desaturate by 10%, it is **60.2706, 79.6302, 69.9399**.

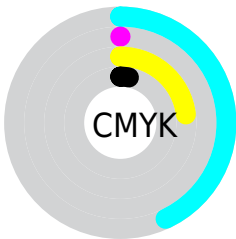
Distribution



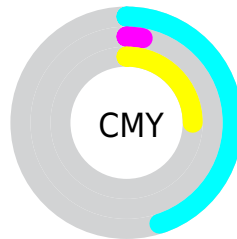
- Red (55%)
- Green (97%)
- Blue (75%)



- Red (55%)
- Yellow (84%)
- Blue (97%)



- Cyan (43%)
- Magenta (0%)
- Yellow (23%)
- Black (3%)





- Cyan (45%)
- Magenta (3%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.0663, 76.6033, 61.8055 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 54.0663, 76.6033, 61.8055 by changing the saturation by 10% instead.


 54.0663, 76.6033,
61.8055


 54.0663, 76.6033,
61.8055

392.5570,
483.4104, 449.2093

 38.8855, 56.9273,
44.4408


 95.3279, 128.5793,
109.0132

 26.8510, 40.9469,
30.6774


 122.1395,
161.6482, 139.6933

 17.5974, 28.2776,
20.0970


153.5587,
199.9502, 175.6490

 10.7592, 18.5350,
12.2808

189.9509,
243.8697, 217.2987

 5.9713, 11.3348,
6.8103

231.6815,
293.7910, 265.0611

 2.8681, 6.2925,
3.2671

279.1158,

 1.0844, 3.0237,

350.0987, 319.3546

1.2326

332.6192,
413.1770, 380.5978

0.0120, 1.1441,
0.0056

0.0000, 0.0154,
0.0000

54.0663, 76.6033,
61.8055

54.0663, 76.6033,
61.8055

48.9371, 74.1201,
54.3869

60.2706, 79.6302,
69.9399

44.8097, 72.1370,
47.6588

67.6049, 83.2226,
78.8040

41.6112, 70.6188,
41.6016

76.1274, 87.4121,
88.4183

39.2552, 69.5216,
36.1928

85.8906, 92.2256,
98.8002

■ 37.6374, 68.7918,
31.4081

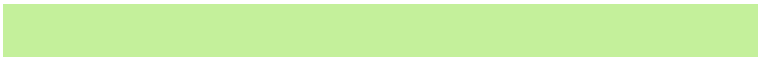
■ 92.8588, 95.6177,
108.1696

■ 36.8510, 68.4505,
28.4735

Harmonies

Analogous

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



59.9398, 76.6033, 42.6396



54.0663, 76.6033, 61.8055



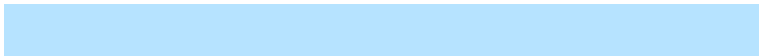
52.9344, 76.6033, 92.6667

Triad

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



54.0663, 76.6033, 61.8055



75.9740, 76.6033, 163.7007



91.7601, 76.6033, 49.9783

Complementary

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



54.0663, 76.6033, 61.8055



58.3168, 43.0391, 58.0598

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.



97.1236, 76.6033, 74.7875



54.0663, 76.6033, 61.8055



87.4001, 76.6033, 144.2760

Square

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



54.0663, 76.6033, 61.8055



64.8132, 76.6033, 157.5391



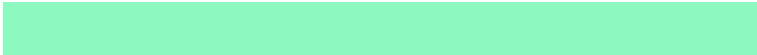
95.4489, 76.6033, 109.5353



81.4370, 76.6033, 37.1779

Rectangle

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



54.0663, 76.6033, 61.8055



54.8947, 76.6033, 117.1058



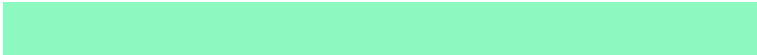
95.4489, 76.6033, 109.5353



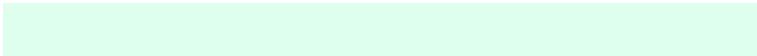
94.2501, 76.6033, 56.8874

Sweetspot

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



54.0684, 76.6064, 61.8072



81.2195, 93.1784, 94.3242



61.6839, 81.0761, 37.5983



16.9300, 19.7204, 19.6893



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.



54.0684, 76.6064, 61.8072



52.6633, 79.2150, 58.7464



60.9494, 79.3589, 98.0424



17.3619, 19.4470, 20.1063



19.9760, 37.0034, 15.7488



1.9033, 3.4484, 1.7387

Inverse Universe

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



58.3168, 43.0391, 58.0598



57.7410, 39.0744, 54.2517



53.3159, 41.0387, 31.7253



17.6241, 17.3770, 19.8763



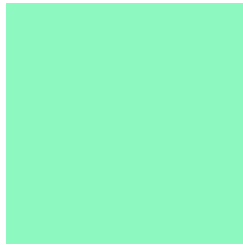
23.1526, 11.6768, 12.7781



2.1979, 1.1029, 1.4657

Previews

White Background



This preview shows how the XYZ color 54.0663, 76.6033, 61.8055 looks on a white background.

Color Contrast Check

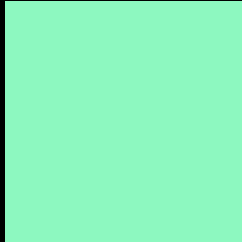
Large Text (above 18pt) WCAG AA × Fail

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 54.0663, 76.6033, 61.8055 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

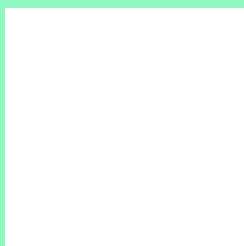
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 54.0663, 76.6033, 61.8055

Background



This preview shows how black text looks on a background with the XYZ color 54.0663, 76.6033, 61.8055.



This preview shows how white text looks on a background with the XYZ color 54.0663, 76.6033,

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

54.0663, 76.6033, 61.8055

Protanopia

70.8623, 75.5373, 54.5614

Deuteranopia

76.8540, 75.6199, 65.8038



Tritanopia

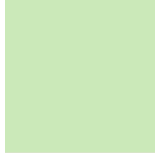
64.3504, 76.4761, 105.9775

Trichromacy



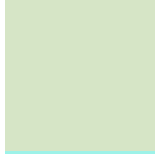
Original Color

54.0663, 76.6033, 61.8055



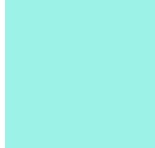
Protanomaly

62.5245, 74.4771, 56.9791



Deuteranomaly

65.9439, 74.4120, 64.3134



Tritanomaly

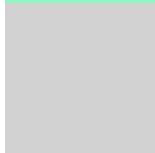
60.2222, 76.4986, 87.9356

Monochromacy



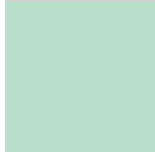
Original Color

54.0663, 76.6033, 61.8055



Achromatopsia

61.2578, 64.4480, 70.1838



Achromatomaly

57.4427, 67.9374, 66.5856

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.0663, 76.6033, 61.8055 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(141, 248, 192)` looks like.

```
.text, #text, p{  
    color:rgb(141, 248, 192)  
}
```

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(141, 248, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 248, 192) }
```

Border

The CSS property to change the border of an element to XYZ 54.0663, 76.6033, 61.8055 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(141, 248, 192) }
```


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

```
.border{ border-color:rgb(141, 248, 192) }
```

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

Here you see how a box with a 4 pixel rgb(141, 248, 192) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 248, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 248, 192);  
box-shadow:4px 4px 4px 4px rgb(141, 248,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 54.0663, 76.6033, 61.8055 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 248, 192) }
```

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

```
.background{ background-color: rgb(141,  
248, 192) }
```

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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