

Converting Colors

XYZ(54.3911, 80.0236, 62.5373)

Have a look what the booklet for
XYZ(54.3911, 80.0236, 62.5373)
contains.

XYZ(54.3277, 79.9929, 62.4460)	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(54.3277, 79.9929,
62.4460)**

Conversions

Conversions Part 1

Format	Color
Hex	81FFC0
RGB	129, 255, 192
RGB Percent	51%, 100%, 75%
CMY	0.4941, 0.0000, 0.2470
CMYK	0.49, 0.00, 0.25, 0.00
HSL	150°, 100%, 75%
HSV	150°, 49%, 100%
XYZ	54.3277, 79.9929, 62.4460
YIQ	210.1440, -54.8730, -46.3050

Conversions

Conversions Part 2

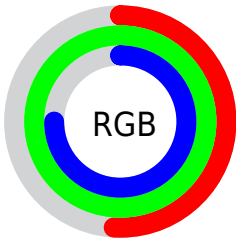
Format	Color
RYB	129, 213, 255
Decimal	8519616
CIELab	91.68, -49.19, 19.49
CIElCh	92, 52.914, 158.386
Yxy	79.9929, 0.2761, 0.4065
Android (android.graphics.Color)	4286709696 (0xFF81FFC0)
YUV	210.1440, -8.9450, -71.1633
Hunter-Lab	89.4387, -48.0917, 21.2109

Details

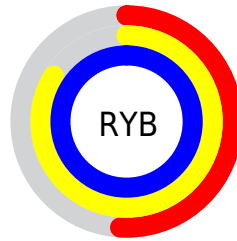
The XYZ color **54.3277, 79.9929, 62.4460** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **58.6051, 40.7671, 54.6495**, and the grayscale version is **61.4359, 64.6353, 70.3879**.

A 20% lighter version of the original color is **73.5979, 89.0509, 102.9321**, and **26.8684, 42.9608, 30.9209** is the 20% darker color. If you saturate the color by 10%, you get **49.5736, 77.6983, 55.1663**, and if you desaturate by 10%, it is **60.1719, 82.8353, 70.4183**.

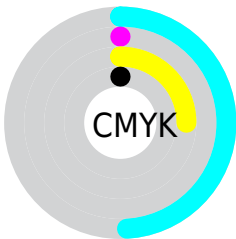
Distribution



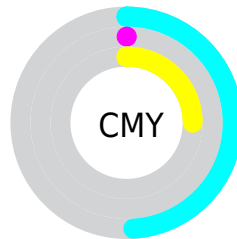
- Red (51%)
- Green (100%)
- Blue (75%)



- Red (51%)
- Yellow (84%)
- Blue (100%)



- Cyan (49%)
- Magenta (0%)
- Yellow (25%)
- Black (0%)





- Cyan (49%)
- Magenta (0%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.3277, 79.9929, 62.4460 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 54.3277, 79.9929, 62.4460 by changing the saturation by 10% instead.


 54.3277, 79.9929,
62.4460


 54.3277, 79.9929,
62.4460


393.5364,
494.9089, 451.6086


 39.0954, 59.7125,
44.9551

 95.7093, 133.3558,
109.9477

 27.0150, 43.1870,
31.0793


 122.5894,
167.2070, 140.7956

 17.7212, 30.0318,
20.4003


 154.0827,
206.3507, 176.9328

 10.8485, 19.8627,
12.4994

190.5547,
251.1711, 218.7779

 6.0316, 12.2953,
6.9581

232.3707,
302.0528, 266.7496

 2.9051, 6.9451,
3.3579

279.8961,

 1.1038, 3.4278,

359.3800, 321.2662

1.2801

333.4962,
423.5373, 382.7463

0.0283, 1.3589,
0.0454

0.0000, 0.1862,
0.0000

54.3277, 79.9929,
62.4460

54.3277, 79.9929,
62.4460

49.5736, 77.6983,
55.1663

60.1719, 82.8353,
70.4183

45.8313, 75.9115,
48.5554

67.1729, 86.2596,
79.0978

43.0144, 74.5883,
42.5939

75.3941, 90.2981,
88.5040

41.0200, 73.6762,
37.2594

84.8938, 94.9806,
98.6540

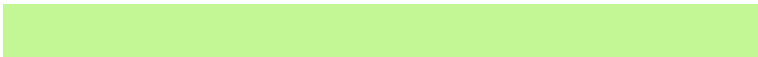
■ 39.6918, 73.0949, 95.0500, 100.0000,
32.5263 108.9000

■ 39.6236, 73.0654,
32.2652

Harmonies

Analogous

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



61.0001, 79.9929, 40.7944



54.3277, 79.9929, 62.4460



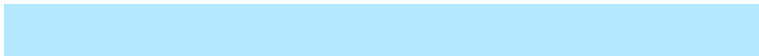
53.0979, 79.9929, 98.4172

Triad

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



54.3277, 79.9929, 62.4460



79.8866, 79.9929, 183.4997



98.2891, 79.9929, 48.5565

Complementary

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



54.3277, 79.9929, 62.4460



58.6051, 40.7671, 54.6495

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.



104.7666, 79.9929, 76.6830



54.3277, 79.9929, 62.4460



93.3477, 79.9929, 159.4848

Square

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



54.3277, 79.9929, 62.4460



66.8491, 79.9929, 176.2989



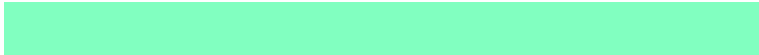
102.8584, 79.9929, 117.5111



86.0171, 79.9929, 34.5884

Rectangle

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



54.3277, 79.9929, 62.4460



55.3718, 79.9929, 127.5167



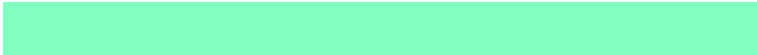
102.8584, 79.9929, 117.5111



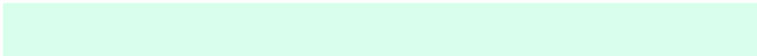
101.2788, 79.9929, 56.2748

Sweetspot

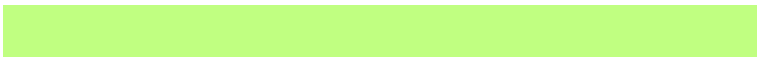
The Sweet Spot groups the original color and five complimentary colors.



54.3284, 79.9932, 62.4473



79.4232, 92.2823, 92.8881



61.4612, 84.3117, 33.8043



16.5809, 19.5458, 19.4295



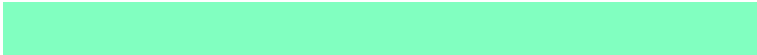
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

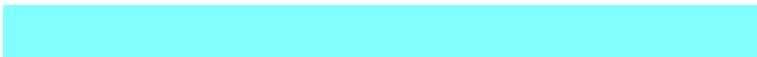
The Same Dimension uses a secret algorithm to generate beautiful new colors.



54.3284, 79.9932, 62.4473



49.7484, 77.7822, 55.4519



62.8637, 83.4074, 107.3937



18.1504, 20.3197, 21.0949



20.7795, 38.2084, 17.2561



2.0784, 3.7423, 1.9704

Inverse Universe

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



58.6051, 40.7671, 54.6495



54.4611, 34.5578, 46.8593



53.0533, 38.5463, 25.4139



18.3882, 18.1386, 20.6613



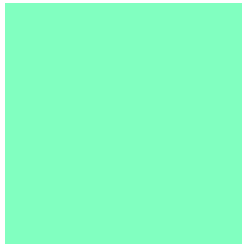
23.6428, 11.9464, 12.0355



2.3571, 1.1852, 1.4621

Previews

White Background



This preview shows how the XYZ color 54.3277, 79.9929, 62.4460 looks on a white background.

Color Contrast Check

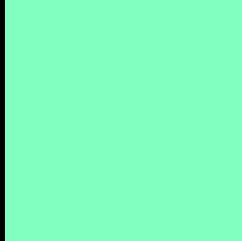
Large Text (above 18pt) WCAG AA × Fail

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 54.3277, 79.9929, 62.4460 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 54.3277, 79.9929, 62.4460

Background



This preview shows how black text looks on a background with the XYZ color 54.3277, 79.9929, 62.4460.

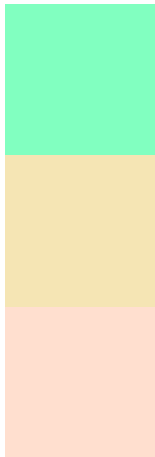


This preview shows how white text looks on a background with the XYZ color 54.3277, 79.9929, 62.4460.

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

54.3277, 79.9929, 62.4460

Protanopia

73.9137, 78.7464, 54.4839

Deuteranopia

78.8902, 78.5403, 70.0333



Tritanopia

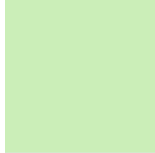
67.8654, 79.5956, 106.3943

Trichromacy



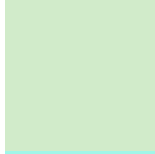
Original Color

54.3277, 79.9929, 62.4460



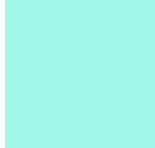
Protanomaly

63.8549, 77.3063, 56.9035



Deuteranomaly

66.6635, 77.2362, 67.2717



Tritanomaly

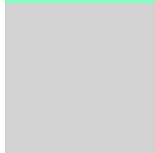
62.0185, 79.2113, 88.3645

Monochromacy



Original Color

54.3277, 79.9929, 62.4460



Achromatopsia

61.2578, 64.4480, 70.1838



Achromatomaly

57.0319, 68.5283, 66.7213

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.3277, 79.9929, 62.4460 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(129, 255, 192)` looks like.

```
.text, #text, p{  
    color:rgb(129, 255, 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(129, 255, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 255, 192) }
```

Border

The CSS property to change the border of an element to XYZ 54.3277, 79.9929, 62.4460 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(129, 255, 192) }
```


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

```
.border{ border-color:rgb(129, 255, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 255, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 255, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 255, 192);  
box-shadow:4px 4px 4px 4px rgb(129, 255,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 54.3277, 79.9929, 62.4460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 255, 192) }
```

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

```
.background{ background-color: rgb(129,  
255, 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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