

Converting Colors

XYZ(54.3247, 79.9575, 63.9772)

Have a look what the booklet for
XYZ(54.3247, 79.9575, 63.9772)
contains.

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Color

**XYZ(54.3627, 79.9722,
64.2007)**

Conversions

Conversions Part 1

Format	Color
Hex	7FFFC3
RGB	127, 255, 195
RGB Percent	50%, 100%, 76%
CMY	0.5020, 0.0000, 0.2353
CMYK	0.50, 0.00, 0.24, 0.00
HSL	152°, 100%, 75%
HSV	152°, 50%, 100%
XYZ	54.3627, 79.9722, 64.2007
YIQ	209.8880, -57.0280, -45.7960

Conversions

Conversions Part 2

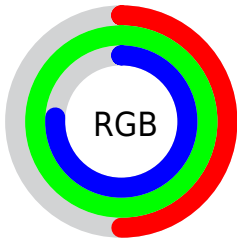
Format	Color
RYB	127, 211, 255
Decimal	8388547
CIELab	91.67, -49.06, 17.93
CIELCh	92, 52.239, 159.923
Yxy	79.9722, 0.2738, 0.4028
Android (android.graphics.Color)	4286578627 (0xFF7FFFC3)
YUV	209.8880, -7.3398, -72.6928
Hunter-Lab	89.4272, -47.9876, 20.0341

Details

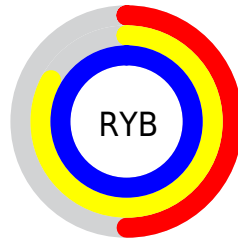
The XYZ color **54.3627, 79.9722, 64.2007** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **57.7994, 40.0273, 51.6936**, and the grayscale version is **61.2585, 64.4487, 70.1846**.

A 20% lighter version of the original color is **73.5804, 88.9874, 105.3936**, and **26.8883, 42.9456, 32.0715** is the 20% darker color. If you saturate the color by 10%, you get **49.7357, 77.7368, 57.2100**, and if you desaturate by 10%, it is **60.0602, 82.7468, 71.8089**.

Distribution



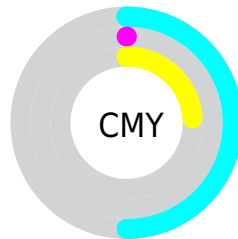
- Red (50%)
- Green (100%)
- Blue (76%)



- Red (50%)
- Yellow (83%)
- Blue (100%)



- Cyan (50%)
- Magenta (0%)
- Yellow (24%)
- Black (0%)





- Cyan (50%)
- Magenta (0%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.3627, 79.9722, 64.2007 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 54.3627, 79.9722, 64.2007 by changing the saturation by 10% instead.


 54.3627, 79.9722,
64.2007


 54.3627, 79.9722,
64.2007


393.6674,
494.8391, 458.1414


 39.1235, 59.6955,
46.3660


 95.7604, 133.3266,
112.5022

 27.0370, 43.1732,
32.1840


 122.6496,
167.1732, 143.8061

 17.7377, 30.0211,
21.2361


 154.1528,
206.3117, 180.4367

 10.8604, 19.8546,
13.1038

190.6355,
251.1267, 222.8128

 6.0396, 12.2894,
7.3685

232.4629,
302.0026, 271.3527

 2.9101, 6.9411,
3.6117

280.0005,

 1.1064, 3.4253,

359.3237, 326.4751

1.4148

333.6135,
423.4744, 388.5985

■ 0.0305, 1.3576,
0.1532

■ 0.0000, 0.1851,
0.0000

■ 54.3627, 79.9722,
64.2007

■ 54.3627, 79.9722,
64.2007

■ 49.7357, 77.7368,
57.2100

■ 60.0602, 82.7468,
71.8089

■ 46.1006, 76.0006,
50.8160


■ 66.8948, 86.0949,
80.0466

■ 43.3708, 74.7191,
45.0025

■ 74.9299, 90.0489,
88.9304

■ 41.4424, 73.8393,
39.7503

■ 84.2235, 94.6383,
98.4747

 40.1664, 73.2826,
35.1237

94.8297, 99.8908,
108.6939

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.



60.7005, 79.9722, 41.9924



54.3627, 79.9722, 64.2007



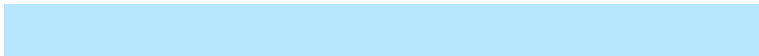
53.4277, 79.9722, 100.3671

Triad

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



54.3627, 79.9722, 64.2007



80.5204, 79.9722, 181.4101



97.4436, 79.9722, 47.9081

Complementary

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



54.3627, 79.9722, 64.2007



57.7994, 40.0273, 51.6936

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.



104.2011, 79.9722, 75.0136



54.3627, 79.9722, 64.2007



93.7015, 79.9722, 156.4916

Square

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



54.3627, 79.9722, 64.2007



67.5361, 79.9722, 175.9723



102.7568, 79.9722, 114.8269



85.1672, 79.9722, 34.6745

Rectangle

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



54.3627, 79.9722, 64.2007



55.8652, 79.9722, 129.1323



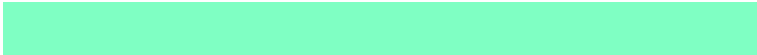
102.7568, 79.9722, 114.8269



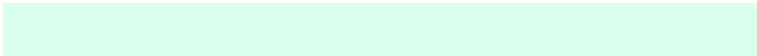
100.4975, 79.9722, 55.3141

Sweetspot

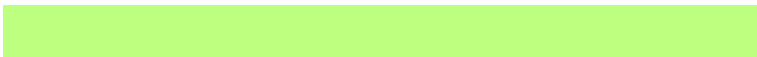
The Sweet Spot groups the original color and five complimentary colors.



54.3634, 79.9725, 64.2020



79.5974, 92.3520, 93.8053



60.5445, 83.8543, 33.0741



16.6228, 19.5626, 19.6501



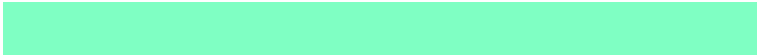
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

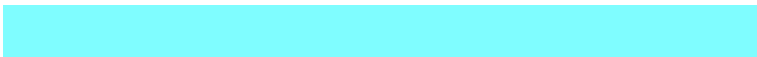
The Same Dimension uses a secret algorithm to generate beautiful new colors.



54.3634, 79.9725, 64.2020



49.8162, 77.7754, 57.3406



61.8860, 81.8987, 107.1540



18.1749, 20.3295, 21.2240



21.0640, 38.3222, 18.7541



2.1062, 3.7534, 2.1169

Inverse Universe

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



57.7994, 40.0273, 51.6936



53.6038, 33.8077, 43.6005



52.9391, 38.5287, 24.7262



18.3638, 18.1288, 20.5327



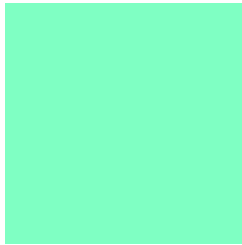
23.3793, 11.8410, 10.6476



2.3310, 1.1748, 1.3243

Previews

White Background



This preview shows how the XYZ color 54.3627, 79.9722, 64.2007 looks on a white background.

Color Contrast Check

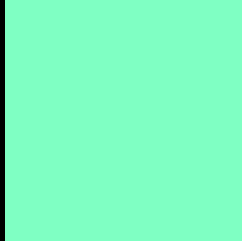
Large Text (above 18pt) WCAG AA × Fail

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 54.3627, 79.9722, 64.2007 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

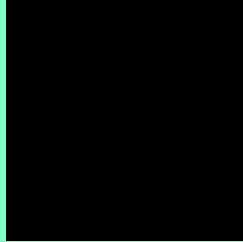
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.3627, 79.9722, 64.2007

Background



This preview shows how black text looks on a background with the XYZ color 54.3627, 79.9722, 64.2007.

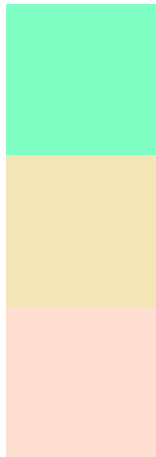


This preview shows how white text looks on a background with the XYZ color 54.3627, 79.9722,

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

54.3627, 79.9722, 64.2007

Protanopia

73.8748, 78.6906, 56.0949

Deuteranopia

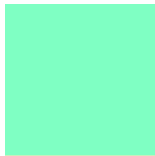
79.1363, 78.6388, 71.3295



Tritanopia

67.6368, 79.4777, 106.3836

Trichromacy



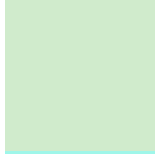
Original Color

54.3627, 79.9722, 64.2007



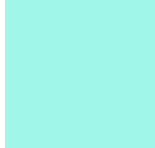
Protanomaly

63.6316, 77.1544, 58.5523



Deuteranomaly

66.6198, 77.1862, 68.5139



Tritanomaly

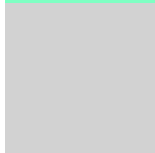
61.9618, 79.1657, 89.1056

Monochromacy



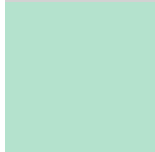
Original Color

54.3627, 79.9722, 64.2007



Achromatopsia

61.2578, 64.4480, 70.1838



Achromatomaly

57.0382, 68.5038, 67.9739

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.3627, 79.9722, 64.2007 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(127, 255, 195)` looks like.

```
.text, #text, p{  
    color:rgb(127, 255, 195)  
}
```

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(127, 255, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 255, 195) }
```

Border

The CSS property to change the border of an element to XYZ 54.3627, 79.9722, 64.2007 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(127, 255, 195) }
```


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

```
.border{ border-color:rgb(127, 255, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 255, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 255, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 255, 195);  
box-shadow:4px 4px 4px 4px rgb(127, 255,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 54.3627, 79.9722, 64.2007 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 255, 195) }
```

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

```
.background{ background-color: rgb(127,  
255, 195) }
```

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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