

Converting Colors

XYZ(55.4978, 79.7443, 72.3619)

Have a look what the booklet for
XYZ(55.4978, 79.7443, 72.3619)
contains.

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Color

**XYZ(55.5794, 79.9497,
72.1770)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 7FFED0 |
| RGB | 127, 254, 208 |
| RGB Percent | 50%, 100%, 82% |
| CMY | 0.5019, 0.0039, 0.1843 |
| CMYK | 0.50, 0.00, 0.18, 0.00 |
| HSL | 158°, 98%, 75% |
| HSV | 158°, 50%, 100% |
| XYZ | 55.5794, 79.9497, 72.1770 |
| YIQ | 210.7830, -60.9260, -41.2300 |

Conversions

Conversions Part 2

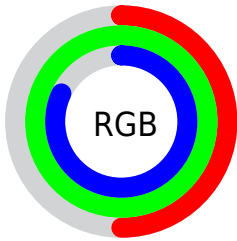
| Format | Color |
|-------------------------------------|---|
| RYB | 127, 205, 254 |
| Decimal | 8388304 |
| CIELab | 91.66, -45.95, 11.24 |
| CIELCh | 92, 47.302, 166.254 |
| Yxy | 79.9497, 0.2676, 0.3849 |
| Android (android.graphics.Color) | 4286578384 (0xFF7FFED0) |
| YUV | 210.7830, -1.3720, -73.4777 |
| Hunter-Lab | 89.4146, -45.5214, 14.7303 |

Details

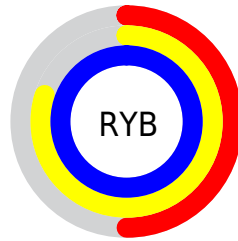
The XYZ color **55.5794, 79.9497, 72.1770** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **56.0080, 39.2688, 44.1660**, and the grayscale version is **61.8131, 65.0322, 70.8201**.

A 20% lighter version of the original color is **74.0597, 89.1791, 107.9177**, and **27.9133, 43.3556, 37.4691** is the 20% darker color. If you saturate the color by 10%, you get **51.1636, 77.8024, 66.2328**, and if you desaturate by 10%, it is **61.0187, 82.6212, 78.5154**.

Distribution



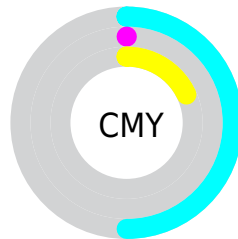
- Red (50%)
- Green (100%)
- Blue (82%)



- Red (50%)
- Yellow (80%)
- Blue (100%)



- Cyan (50%)
- Magenta (0%)
- Yellow (18%)
- Black (0%)





- Cyan (50%)
- Magenta (0%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.5794, 79.9497, 72.1770 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 55.5794, 79.9497, 72.1770 by changing the saturation by 10% instead.


 55.5794, 79.9497,
72.1770

 55.5794, 79.9497,
72.1770


398.2053,
494.7633, 487.1515


 40.1015, 59.6770,
52.8156


 97.5327, 133.2950,
124.0182

 27.8022, 43.1583,
37.2688


 124.7388,
167.1364, 157.3350

 18.3163, 30.0093,
25.1183


 156.5851,
206.2694, 196.1408

 11.2784, 19.8457,
15.9454

193.4368,
251.0785, 240.8539

 6.3231, 12.2829,
9.3316

235.6593,
301.9480, 291.8930

 3.0850, 6.9367,
4.8583

283.6180,

 1.1989, 3.4225,

359.2624, 349.6766

2.1071

337.6782,
423.4060, 414.6233

0.1055, 1.3561,
0.6200

0.0000, 0.1840,
0.0000

55.5794, 79.9497,
72.1770

55.5794, 79.9497,
72.1770

51.1636, 77.8024,
66.2328

61.0187, 82.6212,
78.5154

47.6905, 76.1315,
60.6681

67.5414, 85.8415,
85.2512

45.0776, 74.8967,
55.4748

75.2105, 89.6449,
92.3946

43.2238, 74.0461,
50.6422

84.0822, 94.0603,
99.9536

■ 41.9647, 73.4950,
46.1562

94.2087, 99.1145,
107.9358

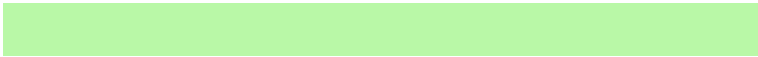
■ 41.9647, 73.4950,
46.1559

94.7332, 99.3664,
108.7944

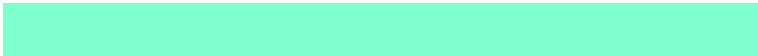
Harmonies

Analogous

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



60.4088, 79.9497, 48.6677



55.5794, 79.9497, 72.1770



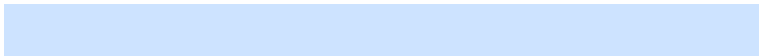
55.7934, 79.9497, 107.0391

Triad

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



55.5794, 79.9497, 72.1770



82.6812, 79.9497, 167.8447



93.2162, 79.9497, 47.2828

Complementary

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



55.5794, 79.9497, 72.1770



56.0080, 39.2688, 44.1660

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.



100.5521, 79.9497, 69.7214



55.5794, 79.9497, 72.1770



94.0430, 79.9497, 141.6516

Square

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



55.5794, 79.9497, 72.1770



70.6011, 79.9497, 169.0157



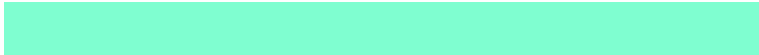
100.8698, 79.9497, 103.8412



81.6460, 79.9497, 37.0893

Rectangle

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



55.5794, 79.9497, 72.1770



58.7496, 79.9497, 132.6354



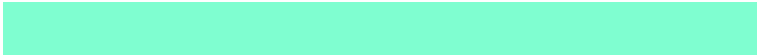
100.8698, 79.9497, 103.8412



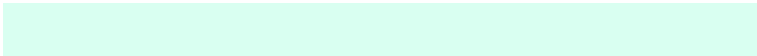
96.3105, 79.9497, 53.3293

Sweetspot

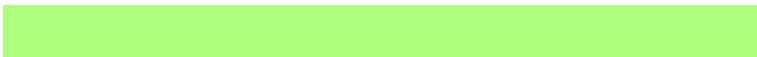
The Sweet Spot groups the original color and five complimentary colors.



55.5816, 79.9529, 72.1788



80.1999, 92.5930, 96.9780



56.6343, 81.3683, 32.8007



16.7681, 19.6207, 20.4151



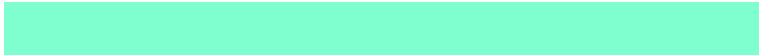
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



55.5816, 79.9529, 72.1788



51.6158, 78.4953, 66.8173



56.9478, 72.2779, 104.7192



18.2593, 20.3632, 21.6682



22.1967, 38.7753, 24.7188



2.2136, 3.7964, 2.6828

Inverse Universe

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



56.0080, 39.2688, 44.1660



52.1131, 33.2114, 35.7504



54.6694, 42.5316, 25.4080



18.2813, 18.0958, 20.0983



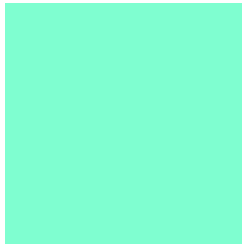
22.6315, 11.5419, 6.7101



2.2537, 1.1439, 0.9174

Previews

White Background



This preview shows how the XYZ color 55.5794, 79.9497, 72.1770 looks on a white background.

Color Contrast Check

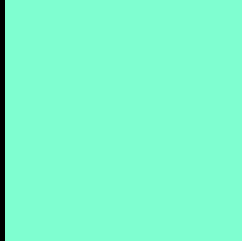
Large Text (above 18pt) WCAG AA × Fail

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 55.5794, 79.9497, 72.1770 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

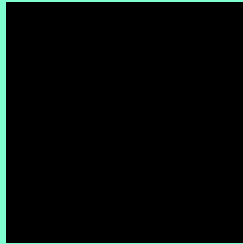
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

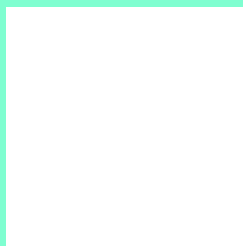
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.5794, 79.9497, 72.1770

Background



This preview shows how black text looks on a background with the XYZ color 55.5794, 79.9497, 72.1770.

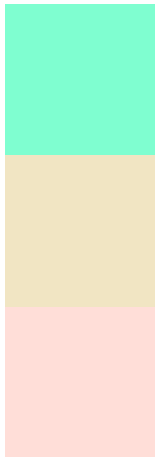


This preview shows how white text looks on a background with the XYZ color 55.5794, 79.9497,

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

55.5794, 79.9497, 72.1770

Protanopia

74.1453, 78.6795, 62.9086

Deuteranopia

79.7559, 78.4604, 75.9065



Tritanopia

67.6368, 79.4777, 106.3836

Trichromacy



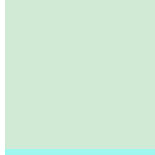
Original Color

55.5794, 79.9497, 72.1770



Protanomaly

64.8193, 77.5986, 66.2053



Deuteranomaly

67.4455, 77.0596, 74.2700



Tritanomaly

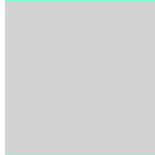
62.6865, 79.4555, 92.9214

Monochromacy



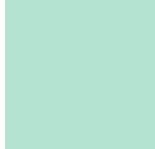
Original Color

55.5794, 79.9497, 72.1770



Achromatopsia

61.9161, 65.1406, 70.9381



Achromatomaly

57.9243, 69.2946, 71.2950

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.5794, 79.9497, 72.1770 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, 254, 208)` looks like.

```
.text, #text, p{  
    color:rgb(127, 254, 208)  
}
```

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, 254, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 254, 208) }
```

Border

The CSS property to change the border of an element to XYZ 55.5794, 79.9497, 72.1770 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, 254, 208) }
```


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

```
.border{ border-color:rgb(127, 254, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 254, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 254, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 254, 208);  
box-shadow:4px 4px 4px 4px rgb(127, 254,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 55.5794, 79.9497, 72.1770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 254, 208) }
```

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

```
.background{ background-color: rgb(127,  
254, 208) }
```

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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