

Converting Colors

XYZ(75.7955, 124.3309,
72.7572)

Have a look what the booklet for
XYZ(75.7955, 124.3309, 72.7572)
contains.

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Color

**XYZ(53.3093, 79.4028,
65.3399)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 76FFC5 |
| RGB | 118, 255, 197 |
| RGB Percent | 46%, 100%, 77% |
| CMY | 0.5372, 0.0000, 0.2274 |
| CMYK | 0.54, 0.00, 0.23, 0.00 |
| HSL | 155°, 100%, 73% |
| HSV | 155°, 54%, 100% |
| XYZ | 53.3093, 79.4028, 65.3399 |
| YIQ | 207.4250, -63.0340, -47.0820 |

Conversions

Conversions Part 2

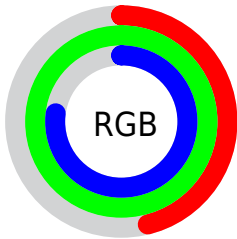
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 118, 205, 255 |
| Decimal | 7798725 |
| CIELab | 91.42, -50.66, 16.51 |
| CIELCh | 91, 53.279, 161.954 |
| Yxy | 79.4028, 0.2692, 0.4009 |
| Android (android.graphics.Color) | 4285988805 (0xFF76FFC5) |
| YUV | 207.4250, -5.1395, -78.4257 |
| Hunter-Lab | 89.1082, -49.1512, 18.9005 |

Details

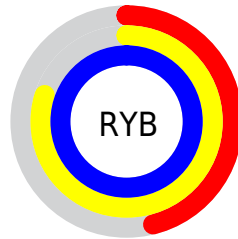
The XYZ color **53.3093, 79.4028, 65.3399** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **55.5555, 37.3524, 45.3567**, and the grayscale version is **59.6437, 62.7499, 68.3346**.

A 20% lighter version of the original color is **72.0095, 88.1407, 106.9835**, and **26.2894, 42.6195, 32.8274** is the 20% darker color. If you saturate the color by 10%, you get **49.1091, 77.3753, 58.9163**, and if you desaturate by 10%, it is **58.5354, 81.9488, 72.2767**.

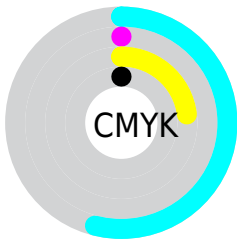
Distribution



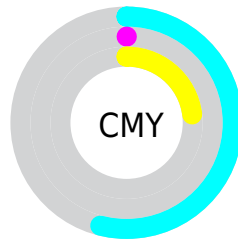
- Red (46%)
- Green (100%)
- Blue (77%)



- Red (46%)
- Yellow (80%)
- Blue (100%)



- Cyan (54%)
- Magenta (0%)
- Yellow (23%)
- Black (0%)





- Cyan (54%)
- Magenta (0%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.3093, 79.4028, 65.3399 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 53.3093, 79.4028, 65.3399 by changing the saturation by 10% instead.


 53.3093, 79.4028,
65.3399

 53.3093, 79.4028,
65.3399


389.7121,
492.9179, 462.3520

 38.2782, 59.2270,
47.2837


 94.2222, 132.5258,
114.1563

 26.3769, 42.7959,
32.9040


 120.8347,
166.2418, 145.7536

 17.2400, 29.7250,
21.7824


 152.0384,
205.2400, 182.7016

 10.5021, 19.6300,
13.5003

188.1986,
249.9048, 225.4190

 5.7979, 12.1264,
7.6392

229.6808,
300.6206, 274.3241

 2.7621, 6.8298,
3.7805

276.8502,

 1.0292, 3.3559,

357.7718, 329.8357

1.5057

330.0722,
421.7428, 392.3721

0.0000, 1.3202,
0.2222

0.0000, 0.1568,
0.0000

53.3093, 79.4028,
65.3399

53.3093, 79.4028,
65.3399

49.1091, 77.3753,
58.9163

58.5354, 81.9488,
72.2767

45.8533, 75.8248,
52.9884

64.8557, 85.0485,
79.7351

43.4513, 74.7045,
47.5435

72.3349, 88.7350,
87.7287

41.7915, 73.9573,
42.5659

81.0319, 93.0385,
96.2690

■ 41.0300, 73.6280,
39.6714

■ 91.0016, 97.9870,
105.3671

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.



59.3578, 79.4028, 41.9905



53.3093, 79.4028, 65.3399



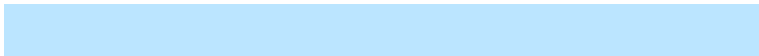
52.7429, 79.4028, 102.8500

Triad

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



53.3093, 79.4028, 65.3399



80.9959, 79.4028, 181.9272



96.5514, 79.4028, 45.5516

Complementary

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



53.3093, 79.4028, 65.3399



55.5555, 37.3524, 45.3567

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.



103.9361, 79.4028, 71.9041



53.3093, 79.4028, 65.3399



94.2621, 79.4028, 154.6662

Square

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



53.3093, 79.4028, 65.3399



67.6832, 79.4028, 178.5774



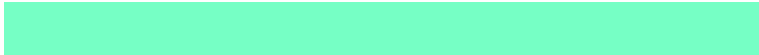
103.0515, 79.4028, 111.6925



83.8322, 79.4028, 33.1469

Rectangle

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



53.3093, 79.4028, 65.3399



55.4520, 79.4028, 132.2633



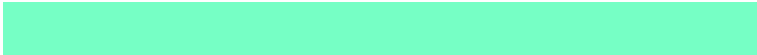
103.0515, 79.4028, 111.6925



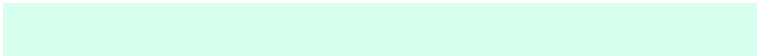
99.8047, 79.4028, 52.6738

Sweetspot

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



53.3100, 79.4031, 65.3412



78.9425, 92.0033, 94.2766



57.2458, 82.2186, 29.9933



16.5045, 19.4982, 19.7987



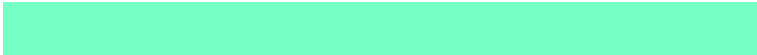
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



53.3100, 79.4031, 65.3412



49.0069, 77.3263, 58.7461



58.4370, 76.9024, 106.3714



18.2107, 20.3438, 21.4125



21.5153, 38.5027, 21.1308



2.1495, 3.7707, 2.3452

Inverse Universe

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



55.5555, 37.3524, 45.3567



51.4733, 31.4491, 37.0253



52.1173, 37.7822, 21.6865



18.3285, 18.1147, 20.3468



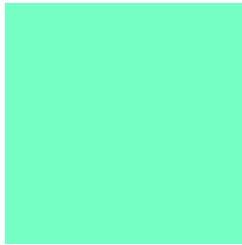
23.0327, 11.7024, 8.8228



2.2958, 1.1607, 1.1393

Previews

White Background



This preview shows how the XYZ color 53.3093, 79.4028, 65.3399 looks on a white background.

Color Contrast Check

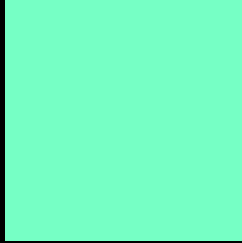
Large Text (above 18pt) WCAG AA × Fail

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 53.3093, 79.4028, 65.3399 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

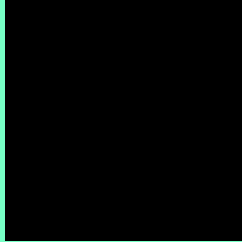
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

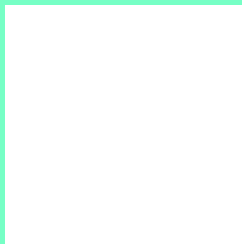
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.3093, 79.4028, 65.3399

Background



This preview shows how black text looks on a background with the XYZ color 53.3093, 79.4028, 65.3399.

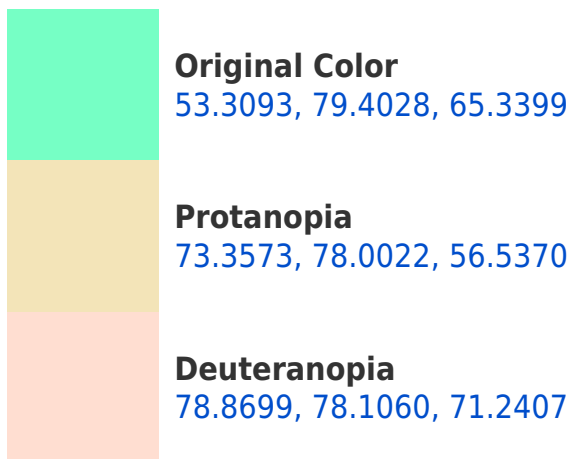


This preview shows how white text looks on a background with the XYZ color 53.3093, 79.4028,

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





Tritanopia

66.5186, 78.9012, 106.3313

Trichromacy



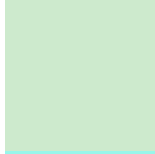
Original Color

53.3093, 79.4028, 65.3399



Protanomaly

63.0485, 76.8290, 59.6506



Deuteranomaly

65.6191, 76.2326, 69.0135



Tritanomaly

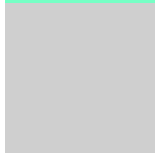
60.7559, 78.5274, 89.7970

Monochromacy



Original Color

53.3093, 79.4028, 65.3399



Achromatopsia

59.3074, 62.3960, 67.9493



Achromatomaly

55.1143, 66.7371, 66.4766

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.3093, 79.4028, 65.3399 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(118, 255, 197)` looks like.

```
.text, #text, p{  
    color:rgb(118, 255, 197)  
}
```

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(118, 255, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 255, 197) }
```

Border

The CSS property to change the border of an element to XYZ 53.3093, 79.4028, 65.3399 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(118, 255, 197) }
```


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

```
.border{ border-color:rgb(118, 255, 197) }
```

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

Here you see how a box with a 4 pixel rgb(118, 255, 197) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 255, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 255, 197);  
box-shadow:4px 4px 4px 4px rgb(118, 255,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 53.3093, 79.4028, 65.3399 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 255, 197) }
```

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

```
.background{ background-color: rgb(118,  
255, 197) }
```

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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