

Converting Colors

XYZ(53.7932, 79.7530, 60.8104)

Have a look what the booklet for
XYZ(53.7932, 79.7530, 60.8104)
contains.

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Color

**XYZ(53.8474, 79.7833,
60.7058)**

Conversions

Conversions Part 1

Format	Color
Hex	80FFBD
RGB	128, 255, 189
RGB Percent	50%, 100%, 74%
CMY	0.4980, 0.0000, 0.2588
CMYK	0.50, 0.00, 0.26, 0.00
HSL	149°, 100%, 75%
HSV	149°, 50%, 100%
XYZ	53.8474, 79.7833, 60.7058
YIQ	209.5030, -54.5060, -47.4500

Conversions

Conversions Part 2

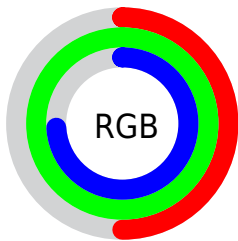
Format	Color
RYB	128, 214, 255
Decimal	8454077
CIELab	91.59, -50.01, 20.89
CIELCh	92, 54.200, 157.334
Yxy	79.7833, 0.2771, 0.4105
Android (android.graphics.Color)	4286644157 (0xFF80FFBD)
YUV	209.5030, -10.1080, -71.4781
Hunter-Lab	89.3215, -48.7040, 22.2296

Details

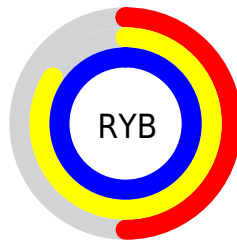
The XYZ color **53.8474, 79.7833, 60.7058** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **58.6972, 40.5941, 55.7810**, and the grayscale version is **61.0225, 64.2005, 69.9143**.

A 20% lighter version of the original color is **72.7349, 88.6774, 99.6691**, and **26.5862, 42.8400, 29.7894** is the 20% darker color. If you saturate the color by 10%, you get **49.1085, 77.4990, 53.3155**, and if you desaturate by 10%, it is **59.6828, 82.6177, 68.8362**.

Distribution



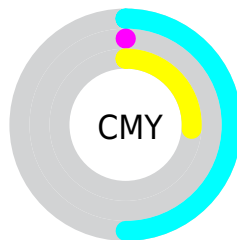
- Red (50%)
- Green (100%)
- Blue (74%)



- Red (50%)
- Yellow (84%)
- Blue (100%)



- Cyan (50%)
- Magenta (0%)
- Yellow (26%)
- Black (0%)





- Cyan (50%)
- Magenta (0%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.8474, 79.7833, 60.7058 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 53.8474, 79.7833, 60.7058 by changing the saturation by 10% instead.


 53.8474, 79.7833,
60.7058


 53.8474, 79.7833,
60.7058


391.7357,
494.2022, 445.0711


 38.7099, 59.5400,
43.5588


 95.0084, 133.0610,
107.4062

 26.7138, 43.0480,
29.9891


 121.7625,
166.8643, 137.7967

 17.4939, 29.9228,
19.5784


 153.1195,
205.9563, 173.4387

 10.6847, 19.7800,
11.9079

189.4448,
250.7216, 214.7508

 5.9210, 12.2352,
6.5592

231.1037,
301.5444, 262.1516

 2.8373, 6.9041,
3.1138


278.4616,


 1.0683, 3.4022,


358.8092, 316.0595


1.1530


331.8838,
422.9003, 376.8932


 0.0000, 1.3451,
0.0000


 0.0000, 0.1758,
0.0000


 53.8474, 79.7833,
60.7058


 53.8474, 79.7833,
60.7058


 49.1085, 77.4990,
53.3155


 59.6828, 82.6177,
68.8362


 45.3868, 75.7243,
46.6394

 66.6819, 86.0364,
77.7235

 42.5953, 74.4148,
40.6557

 74.9089, 90.0722,
87.3890

 40.6297, 73.5171,
35.3396

 84.4225, 94.7548,
97.8519

■ 39.3254, 72.9469, 95.0500, 100.0000,
30.6623 108.9000

■ 39.3028, 72.9371,
30.5761

Harmonies

Analogous

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



60.8226, 79.7833, 39.3008



53.8474, 79.7833, 60.7058



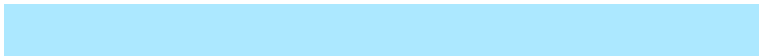
52.3992, 79.7833, 96.9576

Triad

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



53.8474, 79.7833, 60.7058



79.2765, 79.7833, 186.3976



98.9984, 79.7833, 48.3897

Complementary

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



53.8474, 79.7833, 60.7058



58.6972, 40.5941, 55.7810

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.



105.3780, 79.7833, 77.5084



53.8474, 79.7833, 60.7058



93.1265, 79.7833, 162.5734

Square

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



53.8474, 79.7833, 60.7058



66.0398, 79.7833, 177.7859



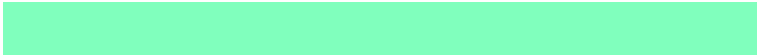
103.1081, 79.7833, 119.6436



86.5464, 79.7833, 33.8464

Rectangle

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



53.8474, 79.7833, 60.7058



54.5790, 79.7833, 126.7365



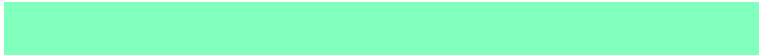
103.1081, 79.7833, 119.6436



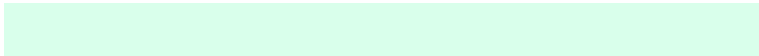
101.9890, 79.7833, 56.3866

Sweetspot

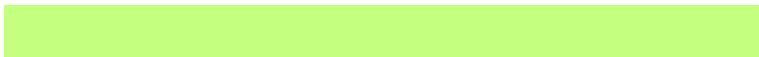
The Sweet Spot groups the original color and five complimentary colors.



53.8481, 79.7836, 60.7071



79.3141, 92.2387, 92.3135



62.3525, 84.7788, 33.5007



16.5547, 19.5353, 19.2914



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.



53.8481, 79.7836, 60.7071



49.0255, 77.4592, 53.1770



62.0383, 83.0597, 103.8365



18.1350, 20.3135, 21.0138



20.6111, 38.1410, 16.3691



2.0617, 3.7356, 1.8826

Inverse Universe

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



58.6972, 40.5941, 55.7810



54.3844, 34.1199, 47.7108



53.1406, 38.3715, 26.5202



18.4036, 18.1448, 20.7426



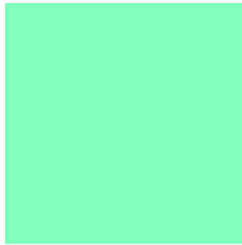
23.8195, 12.0171, 12.9661



2.3745, 1.1922, 1.5533

Previews

White Background



This preview shows how the XYZ color 53.8474, 79.7833, 60.7058 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 53.8474, 79.7833, 60.7058 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 53.8474, 79.7833, 60.7058

Background



This preview shows how black text looks on a background with the XYZ color 53.8474, 79.7833, 60.7058.

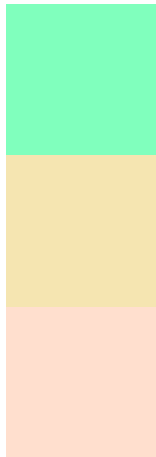


This preview shows how white text looks on a background with the XYZ color 53.8474, 79.7833,

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

53.8474, 79.7833, 60.7058

Protanopia

73.6113, 78.6254, 52.8915

Deuteranopia

78.7683, 78.4916, 69.3914



Tritanopia

67.6368, 79.4777, 106.3836

Trichromacy



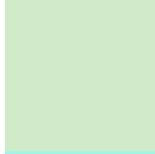
Original Color

53.8474, 79.7833, 60.7058



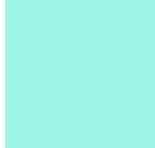
Protanomaly

63.2721, 77.0418, 55.2518



Deuteranomaly

66.4282, 77.1421, 66.0324



Tritanomaly

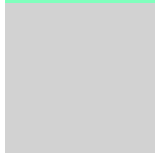
61.6776, 79.0520, 87.6091

Monochromacy



Original Color

53.8474, 79.7833, 60.7058



Achromatopsia

61.2578, 64.4480, 70.1838



Achromatomaly

56.6794, 68.3603, 66.0846

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.8474, 79.7833, 60.7058 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(128, 255, 189)` looks like.

```
.text, #text, p{  
    color:rgb(128, 255, 189)  
}
```

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(128, 255, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 255, 189) }
```

Border

The CSS property to change the border of an element to XYZ 53.8474, 79.7833, 60.7058 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(128, 255, 189) }
```


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

```
.border{ border-color:rgb(128, 255, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 255, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 255, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 255, 189);  
box-shadow:4px 4px 4px 4px rgb(128, 255,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 53.8474, 79.7833, 60.7058 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 255, 189) }
```

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

```
.background{ background-color: rgb(128,  
255, 189) }
```

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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