

Converting Colors

XYZ(53.8205, 79.3343, 58.9308)

Have a look what the booklet for
XYZ(53.8205, 79.3343, 58.9308)
contains.

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Color

**XYZ(53.8205, 79.3343,
58.9308)**

Conversions

Conversions Part 1

Format	Color
Hex	84FEBA
RGB	132, 254, 186
RGB Percent	52%, 100%, 73%
CMY	0.4823, 0.0039, 0.2706
CMYK	0.48, 0.00, 0.27, 0.00
HSL	147°, 98%, 76%
HSV	147°, 48%, 100%
XYZ	53.8205, 79.3343, 58.9308
YIQ	209.7700, -50.8840, -47.0120

Conversions

Conversions Part 2

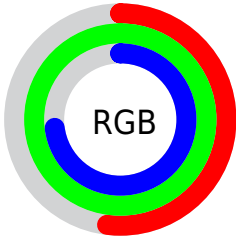
Format	Color
RYB	132, 217, 254
Decimal	8715962
CIELab	91.39, -49.21, 22.16
CIELCh	91, 53.970, 155.759
Yxy	79.3343, 0.2802, 0.4130
Android (android.graphics.Color)	4286906042 (0xFF84FEBA)
YUV	209.7700, -11.7186, -68.2043
Hunter-Lab	89.0698, -48.0134, 23.1211

Details

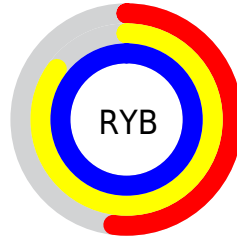
The XYZ color **53.8205, 79.3343, 58.9308** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **59.5523, 41.7454, 59.5657**, and the grayscale version is **61.2078, 64.3954, 70.1266**.

A 20% lighter version of the original color is **73.2729, 89.0072, 97.3226**, and **26.8724, 43.0037, 29.0745** is the 20% darker color. If you saturate the color by 10%, you get **48.8904, 76.9603, 51.2295**, and if you desaturate by 10%, it is **59.8708, 82.2729, 67.4665**.

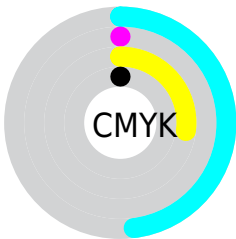
Distribution



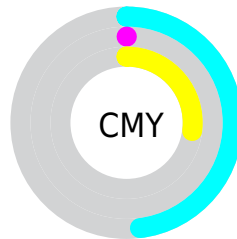
- Red (52%)
- Green (100%)
- Blue (73%)



- Red (52%)
- Yellow (85%)
- Blue (100%)



- Cyan (48%)
- Magenta (0%)
- Yellow (27%)
- Black (0%)





- Cyan (48%)
- Magenta (0%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.8205, 79.3343, 58.9308 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 53.8205, 79.3343, 58.9308 by changing the saturation by 10% instead.


 53.8205, 79.3343,
58.9308


 53.8205, 79.3343,
58.9308


391.6347,
492.6865, 438.3402


 38.6883, 59.1707,
42.1378


 94.9691, 132.4294,
104.8052

 26.6969, 42.7506,
28.8828


 121.7161,
166.1297, 134.7237

 17.4812, 29.6894,
18.7474


 153.0655,
205.1110, 169.8544

 10.6756, 19.6030,
11.3129

189.3826,
249.7577, 210.6158

 5.9148, 12.1068,
6.1609

231.0327,
300.4542, 257.4266

 2.8335, 6.8164,
2.8728

278.3811,

 1.0663, 3.3476,

357.5849, 310.7052

1.0301

331.7934,
421.5342, 370.8702

■ 0.0000, 1.3158,
0.0000

■ 0.0000, 0.1534,
0.0000

■ 53.8205, 79.3343,
58.9308

■ 53.8205, 79.3343,
58.9308

■ 48.8904, 76.9603,
51.2295

■ 59.8708, 82.2729,
67.4665

■ 44.9985, 75.1026,
44.3310

■ 67.1033, 85.8011,
76.8561

■ 42.0611, 73.7208,
38.2097

■ 75.5829, 89.9539,
87.1250

■ 39.9776, 72.7634,
32.8360

■ 85.3677, 94.7611,
98.2958

■ 38.6126, 72.1615,
28.1774

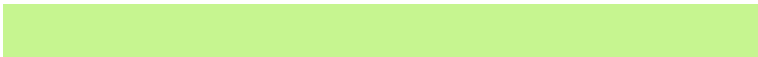
94.7332, 99.3665,
108.7944

■ 38.3916, 72.0658,
27.3404

Harmonies

Analogous

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



61.0174, 79.3343, 38.4390



53.8205, 79.3343, 58.9308



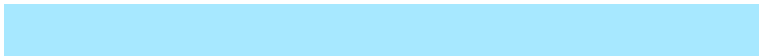
52.0884, 79.3343, 94.1860

Triad

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



53.8205, 79.3343, 58.9308



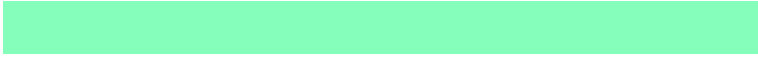
78.0828, 79.3343, 185.4458



98.8978, 79.3343, 49.3301

Complementary

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



53.8205, 79.3343, 58.9308



59.5523, 41.7454, 59.5657

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.



104.8104, 79.3343, 79.0207



53.8205, 79.3343, 58.9308



91.8929, 79.3343, 163.3240

Square

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



53.8205, 79.3343, 58.9308



65.0857, 79.3343, 175.1913



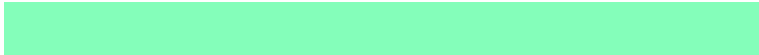
102.1033, 79.3343, 121.2560



86.7609, 79.3343, 34.1878

Rectangle

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



53.8205, 79.3343, 58.9308



54.0568, 79.3343, 123.5452



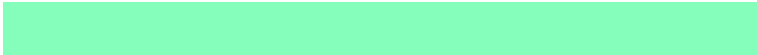
102.1033, 79.3343, 121.2560



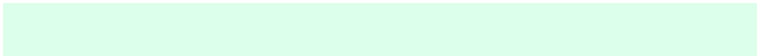
101.7421, 79.3343, 57.5357

Sweetspot

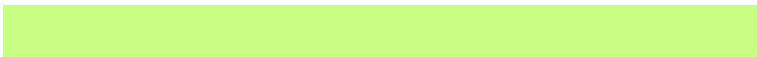
The Sweet Spot groups the original color and five complimentary colors.



53.8226, 79.3375, 58.9326



80.0738, 92.6307, 92.3331



63.7326, 84.9890, 34.8763



16.6959, 19.6091, 19.2512



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.



53.8226, 79.3375, 58.9326



49.3360, 77.6522, 51.7016



61.5742, 82.4382, 99.7519



18.1056, 20.3018, 20.8591



20.3112, 38.0211, 14.7898



2.0315, 3.7235, 1.7239

Inverse Universe

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



59.5523, 41.7454, 59.5657



55.7519, 35.4938, 52.3632



53.8701, 39.4725, 29.6434



18.4333, 18.1566, 20.8989



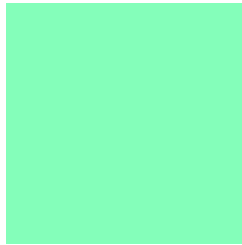
24.1817, 12.1620, 14.8729



2.4095, 1.2062, 1.7378

Previews

White Background



This preview shows how the XYZ color 53.8205, 79.3343, 58.9308 looks on a white background.

Color Contrast Check

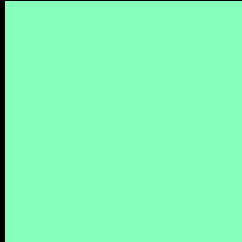
Large Text (above 18pt) WCAG AA × Fail

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 53.8205, 79.3343, 58.9308 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

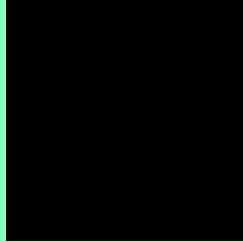
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.8205, 79.3343, 58.9308

Background



This preview shows how black text looks on a background with the XYZ color 53.8205, 79.3343, 58.9308.



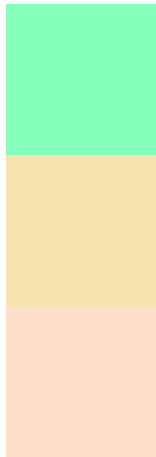
This preview shows how white text looks on a background with the XYZ color 53.8205, 79.3343,

58.9308.

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

53.8205, 79.3343, 58.9308

Protanopia

73.0396, 77.9553, 51.2417

Deuteranopia

78.1408, 77.8143, 67.4011



Tritanopia

67.1146, 78.7703, 106.2746

Trichromacy



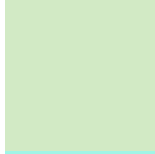
Original Color

53.8205, 79.3343, 58.9308



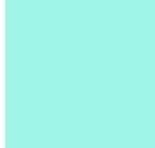
Protanomaly

63.2219, 76.6201, 53.5765



Deuteranomaly

66.0792, 76.5785, 64.1217



Tritanomaly

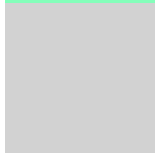
61.4325, 78.4916, 86.7755

Monochromacy



Original Color

53.8205, 79.3343, 58.9308



Achromatopsia

61.2578, 64.4480, 70.1838



Achromatomaly

57.0304, 68.5548, 65.4849

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.8205, 79.3343, 58.9308 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(132, 254, 186)` looks like.

```
.text, #text, p{  
    color:rgb(132, 254, 186)  
}
```

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(132, 254, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 254, 186) }
```

Border

The CSS property to change the border of an element to XYZ 53.8205, 79.3343, 58.9308 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(132, 254, 186) }
```


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

```
.border{ border-color:rgb(132, 254, 186) }
```

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

Here you see how a box with a 4 pixel rgb(132, 254, 186) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 254, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 254, 186);  
box-shadow:4px 4px 4px 4px rgb(132, 254,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 53.8205, 79.3343, 58.9308 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 254, 186) }
```

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

```
.background{ background-color: rgb(132,  
254, 186) }
```

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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