

Converting Colors

XYZ(35.4183, 54.0598, 32.6052)

Have a look what the booklet for
XYZ(35.4183, 54.0598, 32.6052)
contains.

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Color

**XYZ(35.4500, 54.1979,
32.6376)**

Conversions

Conversions Part 1

Format	Color
Hex	6DD88A
RGB	109, 216, 138
RGB Percent	43%, 85%, 54%
CMY	0.5725, 0.1529, 0.4588
CMYK	0.50, 0.00, 0.36, 0.15
HSL	136°, 58%, 64%
HSV	136°, 50%, 85%
XYZ	35.4500, 54.1979, 32.6376
YIQ	175.1150, -38.7340, -46.9420

Conversions

Conversions Part 2

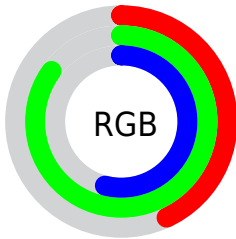
Format	Color
RYB	109, 193, 216
Decimal	7198858
CIELab	78.58, -47.75, 29.21
CIELCh	79, 55.976, 148.540
Yxy	54.1979, 0.2899, 0.4432
Android (android.graphics.Color)	4285388938 (0xFF6DD88A)
YUV	175.1150, -18.2977, -57.9829
Hunter-Lab	73.6192, -42.8802, 25.2484

Details

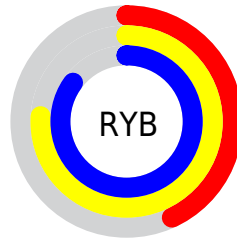
The XYZ color **35.4500, 54.1979, 32.6376** is a light color, and the websafe version is hex **66CC66**. A complement of this color would be **42.7589, 29.1252, 50.3837**, and the grayscale version is **40.9144, 43.0451, 46.8762**.

A 20% lighter version of the original color is **61.0003, 83.4328, 62.7583**, and **15.5577, 26.4827, 13.3085** is the 20% darker color. If you saturate the color by 10%, you get **32.0537, 52.5709, 26.9535**, and if you desaturate by 10%, it is **39.6673, 56.2321, 39.2253**.

Distribution



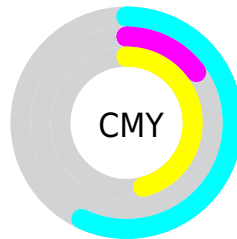
- Red (43%)
- Green (85%)
- Blue (54%)



- Red (43%)
- Yellow (76%)
- Blue (85%)



- Cyan (50%)
- Magenta (0%)
- Yellow (36%)
- Black (15%)





- Cyan (57%)
- Magenta (15%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.4500, 54.1979, 32.6376 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 35.4500, 54.1979, 32.6376 by changing the saturation by 10% instead.


 35.4500, 54.1979,
32.6376


 35.4500, 54.1979,
32.6376


318.0235,
402.8642, 328.5954


 24.1779, 38.7599,
21.5801


 67.5117, 96.3648,
64.9188

 15.5911, 26.5730,
13.3534


 89.0321, 123.8624,
86.9796

 9.3242, 17.2528,
7.5387


 114.6991,
156.1487, 113.5453

 5.0121, 10.4149,
3.7177

144.8783,
193.6081, 145.0343

 2.2892, 5.6749,
1.4718

179.9350,
236.6250, 181.8653

 0.7891, 2.6484,
0.1968

220.2345,

 0.0000, 0.9511,

285.5837, 224.4568

0.0000

266.1422,
340.8686, 273.2273

■ 0.0000, 0.0000,
0.0000

■ 35.4500, 54.1979,
32.6376

■ 35.4500, 54.1979,
32.6376

■ 32.0537, 52.5709,
26.9535

■ 39.6673, 56.2321,
39.2253

■ 29.4184, 51.3164,
22.1297

■ 44.7517, 58.6919,
46.7500

■ 27.4824, 50.4050,
18.1249


■ 50.7510, 61.6028,
55.2479


■ 26.1718, 49.7995,
14.8927


■ 57.7080, 64.9861,
64.7522


■ 25.3659, 49.4388,
12.3805

■ 65.6629, 68.8619,
75.2944

 25.3345, 49.4248,
12.2805

 74.6536, 73.2491,
86.9049

 82.7751, 77.1651,
99.5217

 83.8469, 77.5938,
105.1656

Harmonies

Analogous

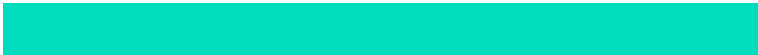
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



42.0258, 54.1979, 20.1057



35.4500, 54.1979, 32.6376



33.0789, 54.1979, 57.4769

Triad

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



35.4500, 54.1979, 32.6376



50.9745, 54.1979, 142.9987



72.4942, 54.1979, 34.4787

Complementary

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



35.4500, 54.1979, 32.6376



42.7589, 29.1252, 50.3837

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.



75.7718, 54.1979, 60.5748



35.4500, 54.1979, 32.6376



62.3314, 54.1979, 130.1189

Square

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



35.4500, 54.1979, 32.6376



41.2132, 54.1979, 127.5126



71.8171, 54.1979, 96.7522



63.4011, 54.1979, 20.8708

Rectangle

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



35.4500, 54.1979, 32.6376



33.9001, 54.1979, 80.5215



71.8171, 54.1979, 96.7522



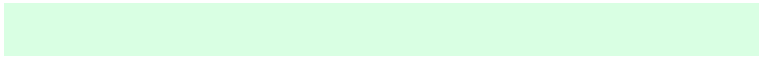
74.3652, 54.1979, 41.7213

Sweetspot

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



35.4514, 54.2001, 32.6388



78.1823, 91.7859, 86.3534



47.9260, 60.8421, 23.6862



16.2837, 19.4269, 17.8642



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.



35.4514, 54.2001, 32.6388



46.6690, 76.5505, 39.2361



40.2718, 56.1283, 58.0227



12.3993, 13.9507, 13.9171



15.0338, 29.2689, 7.4735



0.9415, 1.7792, 0.6336

Inverse Universe

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



42.7589, 29.1252, 50.3837



58.4121, 36.1382, 67.6651



38.0898, 27.2576, 25.7966



12.8027, 12.5726, 14.9013



20.4346, 10.1102, 20.1244



1.2663, 0.6233, 1.3918

Previews

White Background



This preview shows how the XYZ color 35.4500, 54.1979, 32.6376 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 35.4500, 54.1979, 32.6376 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

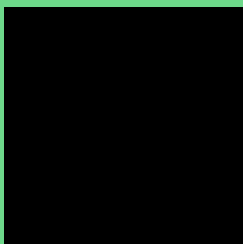
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

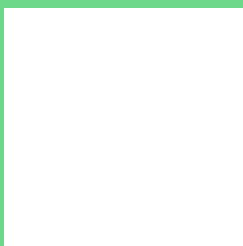
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 35.4500, 54.1979, 32.6376

Background



This preview shows how black text looks on a background with the XYZ color 35.4500, 54.1979, 32.6376.

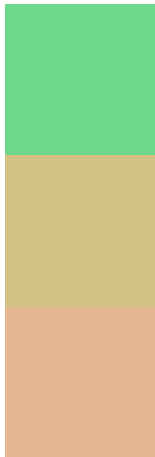


This preview shows how white text looks on a background with the XYZ color 35.4500, 54.1979,

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

35.4500, 54.1979, 32.6376

Protanopia

49.6108, 53.4265, 28.4665

Deuteranopia

54.4547, 53.2362, 34.1936



Tritanopia

44.3094, 54.0837, 77.2111

Trichromacy



Original Color

35.4500, 54.1979, 32.6376



Protanomaly

42.2851, 52.3235, 29.7006



Deuteranomaly

44.6300, 51.7471, 33.2271



Tritanomaly

40.4766, 53.9923, 57.5784

Monochromacy



Original Color

35.4500, 54.1979, 32.6376



Achromatopsia

40.7470, 42.8690, 46.6844



Achromatomaly

37.6975, 46.0149, 41.0773

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.4500, 54.1979, 32.6376 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(109, 216, 138)` looks like.

```
.text, #text, p{  
    color:rgb(109, 216, 138)  
}
```

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(109, 216, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 216, 138) }
```

Border

The CSS property to change the border of an element to XYZ 35.4500, 54.1979, 32.6376 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(109, 216, 138) }
```


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

```
.border{ border-color:rgb(109, 216, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 216, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 216, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 216, 138);  
box-shadow:4px 4px 4px 4px rgb(109, 216,  
138) }
```

Background

The CSS property to change the background color of an element to XYZ 35.4500, 54.1979, 32.6376 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 216, 138) }
```

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

```
.background{ background-color: rgb(109,  
216, 138) }
```

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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