

Converting Colors

XYZ(35.0602, 50.2883, 42.8810)

Have a look what the booklet for
XYZ(35.0602, 50.2883, 42.8810)
contains.

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Color

**XYZ(35.1980, 50.4941,
43.0132)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 6CCFA4 |
| RGB | 108, 207, 164 |
| RGB Percent | 42%, 81%, 64% |
| CMY | 0.5765, 0.1882, 0.3569 |
| CMYK | 0.48, 0.00, 0.21, 0.19 |
| HSL | 154°, 51%, 62% |
| HSV | 154°, 48%, 81% |
| XYZ | 35.1980, 50.4941, 43.0132 |
| YIQ | 172.4970, -45.2010, -34.3610 |

Conversions

Conversions Part 2

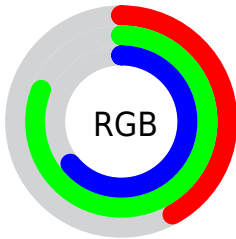
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 108, 171, 207 |
| Decimal | 7131044 |
| CIELab | 76.37, -39.10, 12.51 |
| CIELCh | 76, 41.050, 162.254 |
| Yxy | 50.4941, 0.2735, 0.3923 |
| Android (android.graphics.Color) | 4285321124 (0xFF6CCFA4) |
| YUV | 172.4970, -4.1890, -56.5639 |
| Hunter-Lab | 71.0592, -35.9366, 13.8523 |

Details

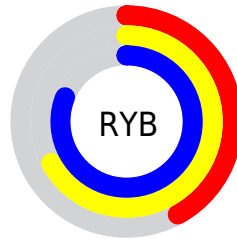
The XYZ color **35.1980, 50.4941, 43.0132** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **36.6823, 26.2261, 32.4088**, and the grayscale version is **39.5027, 41.5600, 45.2588**.

A 20% lighter version of the original color is **64.0632, 84.6338, 79.9773**, and **15.4195, 24.2793, 19.2029** is the 20% darker color. If you saturate the color by 10%, you get **32.1897, 49.0352, 38.7831**, and if you desaturate by 10%, it is **38.8641, 52.2882, 47.5760**.

Distribution



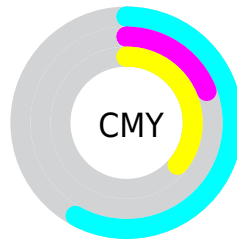
- Red (42%)
- Green (81%)
- Blue (64%)



- Red (42%)
- Yellow (67%)
- Blue (81%)



- Cyan (48%)
- Magenta (0%)
- Yellow (21%)
- Black (19%)





- Cyan (58%)
- Magenta (19%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.1980, 50.4941, 43.0132 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 35.1980, 50.4941, 43.0132 by changing the saturation by 10% instead.


 35.1980, 50.4941,
43.0132


 35.1980, 50.4941,
43.0132


316.9342,
388.5950, 374.5889


 23.9827, 35.8062,
29.5640


 67.1244, 90.9065,
81.0174


 15.4454, 24.2845,
19.2586


 88.5662, 117.3998,
106.4094

 9.2209, 15.5448,
11.6786


 114.1474,
148.5970, 136.6194

 4.9438, 9.2026,
6.4054

 144.2336,
184.8824, 172.0660

 2.2488, 4.8736,
3.0204

179.1900,
226.6406, 213.1677

 0.7683, 2.1733,
1.1050

219.3820,

 0.0000, 0.7054,

274.2558, 260.3431

0.0000

265.1749,
328.1125, 314.0106

■ 0.0000, 0.0000,
0.0000

■ 35.1980, 50.4941,
43.0132

■ 35.1980, 50.4941,
43.0132

■ 32.1897, 49.0352,
38.7831

■ 38.8641, 52.2882,
47.5760

■ 29.7910, 47.8826,
34.8740

■ 43.2238, 54.4318,
52.4758

■ 27.9533, 47.0129,
31.2785


■ 48.3150, 56.9456,
57.7214


■ 26.6183, 46.3961,
27.9871


■ 54.1718, 59.8470,
63.3200


■ 25.7025, 45.9895,
24.9892


■ 60.8259, 63.1523,
69.2785

 25.5299, 45.9139,
24.3741

 68.3073, 66.8769,
75.6037

 76.6442, 71.0351,
82.3021

 78.6843, 71.9396,
89.0442

 80.0235, 72.4754,
96.0968

Harmonies

Analogous

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



38.6875, 50.4941, 29.1343



35.1980, 50.4941, 43.0132



34.8995, 50.4941, 64.5056

Triad

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



35.1980, 50.4941, 43.0132



51.2133, 50.4941, 107.8663



59.8401, 50.4941, 31.0612

Complementary

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



35.1980, 50.4941, 43.0132



36.6823, 26.2261, 32.4088

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.



64.0097, 50.4941, 46.4407



35.1980, 50.4941, 43.0132



58.6827, 50.4941, 92.8310

Square

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



35.1980, 50.4941, 43.0132



43.6094, 50.4941, 106.2226



63.5648, 50.4941, 68.9817



52.6612, 50.4941, 23.6158

Rectangle

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



35.1980, 50.4941, 43.0132



36.5023, 50.4941, 80.9317



63.5648, 50.4941, 68.9817



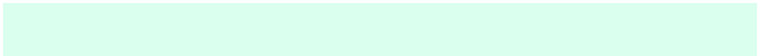
61.6731, 50.4941, 35.2691

Sweetspot

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



35.1994, 50.4961, 43.0144



80.7168, 92.8878, 95.7190



38.0733, 52.4391, 22.3031



16.8523, 19.6717, 20.0749



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.



35.1994, 50.4961, 43.0144



51.6465, 78.6124, 62.2431



38.5807, 49.9597, 66.6436



11.9324, 13.3167, 14.0003



16.1326, 28.9460, 15.6105



0.9415, 1.6343, 1.0805

Inverse Universe

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



36.6823, 26.2261, 32.4088



54.3002, 35.3452, 43.3860



34.3399, 26.1484, 17.4253



12.0189, 11.8923, 13.3754



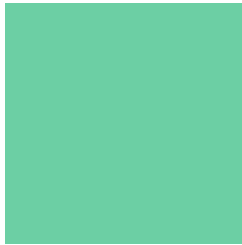
17.4184, 8.8402, 7.1094



1.0134, 0.5101, 0.6054

Previews

White Background



This preview shows how the XYZ color 35.1980, 50.4941, 43.0132 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 35.1980, 50.4941, 43.0132 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

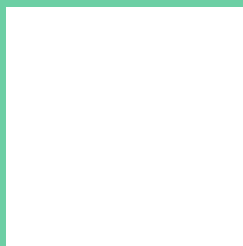
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 35.1980, 50.4941, 43.0132

Background



This preview shows how black text looks on a background with the XYZ color 35.1980, 50.4941, 43.0132.



This preview shows how white text looks on a background with the XYZ color 35.1980, 50.4941,

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

35.1980, 50.4941, 43.0132

Protanopia

46.8918, 49.8795, 37.7281

Deuteranopia

50.9309, 49.9471, 44.9866



Tritanopia

41.0750, 50.4040, 72.5298

Trichromacy



Original Color

35.1980, 50.4941, 43.0132



Protanomaly

40.9804, 49.0515, 39.6557



Deuteranomaly

42.9369, 48.6527, 44.1737



Tritanomaly

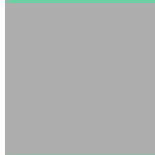
38.7701, 50.5250, 60.5322

Monochromacy



Original Color

35.1980, 50.4941, 43.0132



Achromatopsia

39.7200, 41.7885, 45.5077



Achromatomaly

36.9991, 43.9898, 44.5710

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.1980, 50.4941, 43.0132 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(108, 207, 164)` looks like.

```
.text, #text, p{  
    color:rgb(108, 207, 164)  
}
```

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(108, 207, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 207, 164) }
```

Border

The CSS property to change the border of an element to XYZ 35.1980, 50.4941, 43.0132 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(108, 207, 164) }
```


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

```
.border{ border-color:rgb(108, 207, 164) }
```

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

Here you see how a box with a 4 pixel rgb(108, 207, 164) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 207, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 207, 164);  
box-shadow:4px 4px 4px 4px rgb(108, 207,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 35.1980, 50.4941, 43.0132 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 207, 164) }
```

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

```
.background{ background-color: rgb(108,  
207, 164) }
```

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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