

Converting Colors

XYZ(33.0060, 41.5928, 56.6713)

Have a look what the booklet for
XYZ(33.0060, 41.5928, 56.6713)
contains.

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Color

**XYZ(33.0380, 41.6740,
56.7547)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 6BB9C1 |
| RGB | 107, 185, 193 |
| RGB Percent | 42%, 73%, 76% |
| CMY | 0.5804, 0.2745, 0.2431 |
| CMYK | 0.45, 0.04, 0.00, 0.24 |
| HSL | 186°, 41%, 59% |
| HSV | 186°, 45%, 76% |
| XYZ | 33.0380, 41.6740, 56.7547 |
| YIQ | 162.5900, -49.0560, -14.0480 |

Conversions

Conversions Part 2

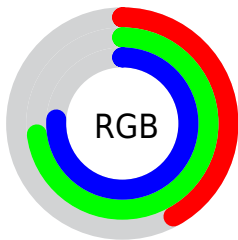
| Format | Color |
|-------------------------------------|--|
| RYB | 107, 148, 193 |
| Decimal | 7059905 |
| CIELab | 70.65, -21.92, -11.57 |
| CIELCh | 71, 24.782, 207.827 |
| Yxy | 41.6740, 0.2513, 0.3170 |
| Android (android.graphics.Color) | 4285249985 (0xFF6BB9C1) |
| YUV | 162.5900, 14.9921, -48.7524 |
| Hunter-Lab | 64.5554, -21.6197, -6.9368 |

Details

The XYZ color **33.0380, 41.6740, 56.7547** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **30.7776, 24.6611, 17.0488**, and the grayscale version is **34.5689, 36.3691, 39.6060**.

A 20% lighter version of the original color is **63.6584, 77.5367, 101.2335**, and **14.3003, 19.0741, 27.7389** is the 20% darker color. If you saturate the color by 10%, you get **30.5987, 39.8635, 56.5345**, and if you desaturate by 10%, it is **36.0024, 43.7641, 57.0026**.

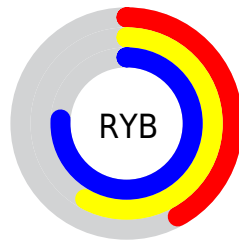
Distribution



Red (42%)

Green (73%)

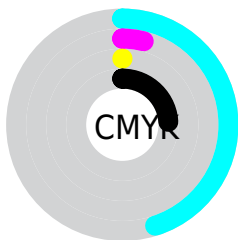
Blue (76%)



Red (42%)

Yellow (58%)

Blue (76%)

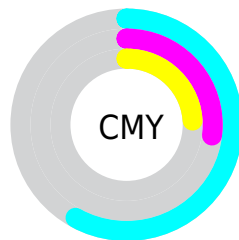


Cyan (45%)

Magenta (4%)

Yellow (0%)

Black (24%)



Cyan (58%)

Magenta (27%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.0380, 41.6740, 56.7547 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 33.0380, 41.6740, 56.7547 by changing the saturation by 10% instead.

■ 33.0380, 41.6740,
56.7547

■ 33.0380, 41.6740,
56.7547

307.4829,
353.1298, 429.9975

■ 22.3149, 28.8461,
40.4003

■ 63.7891, 77.7060,
101.6040

■ 14.2064, 18.9644,
27.5346

■ 84.5479, 101.6789,
130.9359

■ 8.3470, 11.6446,
17.7392

■ 109.3826,
130.1356, 165.4307

■ 4.3715, 6.5022,
10.5954

■ 138.6587,
163.4605, 205.5070

■ 1.9143, 3.1528,
5.6847

172.7413,
202.0379, 251.5833

■ 0.5852, 1.2120,
2.5887

211.9960,

■ 0.0000, 0.0715,

246.2524, 304.0781

0.8866

256.7881,
296.4882, 363.4100

■ 0.0000, 0.0000,
0.0000

■ 33.0380, 41.6740,
56.7547

■ 33.0380, 41.6740,
56.7547

■ 30.5987, 39.8635,
56.5345

■ 36.0024, 43.7641,
57.0026

■ 28.6460, 38.3099,
56.3376

■ 39.5197, 46.1455,
57.2769

■ 27.1417, 36.9945,
56.1630

■ 43.6205, 48.8346,
57.5798

■ 26.0407, 35.8939,
56.0086

■ 48.3318, 51.8456,
57.9127

■ 25.2882, 34.9799,
55.8718

■ 53.6789, 55.1916,
58.2767

■ 24.9658, 34.5303,
55.8020

■ 59.6857, 58.8848,
58.6730

■ 66.3751, 62.9370,
59.1025

■ 71.3728, 66.1244,
59.4544

■ 71.7893, 66.9573,
59.5932

Harmonies

Analogous

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



32.2416, 41.6740, 44.5252



33.0380, 41.6740, 56.7547



35.5580, 41.6740, 67.2998

Triad

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



33.0380, 41.6740, 56.7547



46.6659, 41.6740, 58.4934



39.9095, 41.6740, 26.3443

Complementary

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



33.0380, 41.6740, 56.7547



30.7776, 24.6611, 17.0488

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.



43.9585, 41.6740, 28.8199



33.0380, 41.6740, 56.7547



48.0231, 41.6740, 46.2373

Square

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



33.0380, 41.6740, 56.7547



43.4058, 41.6740, 68.4192



47.0002, 41.6740, 35.6297



36.0420, 41.6740, 28.1920

Rectangle

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



33.0380, 41.6740, 56.7547



37.9705, 41.6740, 71.2229



47.0002, 41.6740, 35.6297



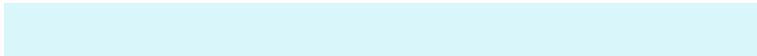
41.2958, 41.6740, 26.6878

Sweetspot

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



33.0393, 41.6756, 56.7557



79.2015, 88.1582, 103.2022



28.1810, 42.4853, 22.6856



16.6135, 18.6685, 22.1131



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



33.0393, 41.6756, 56.7557



55.0898, 71.6152, 101.2799



25.4875, 26.5720, 54.2384



10.2859, 11.2631, 12.9167



16.6363, 23.0291, 37.1248



0.7426, 1.0426, 1.6120

Inverse Universe

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



36.0080, 25.3567, 48.8972



61.1740, 39.2824, 84.9254



36.7323, 36.5704, 19.0337



10.4556, 10.2308, 12.4897



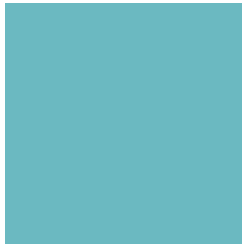
19.7932, 9.6070, 27.8867



0.8672, 0.4199, 1.2681

Previews

White Background



This preview shows how the XYZ color 33.0380, 41.6740, 56.7547 looks on a white background.

Color Contrast Check

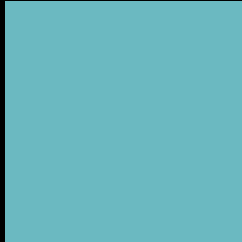
Large Text (above 18pt) WCAG AA × Fail

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 33.0380, 41.6740, 56.7547 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

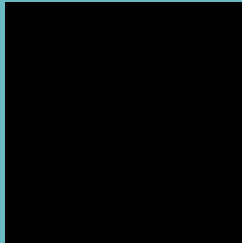
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 33.0380, 41.6740, 56.7547

Background



This preview shows how black text looks on a background with the XYZ color 33.0380, 41.6740, 56.7547.

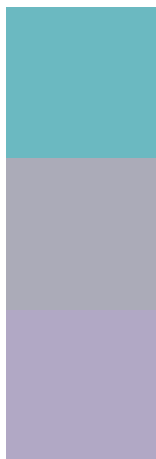


This preview shows how white text looks on a background with the XYZ color 33.0380, 41.6740,

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

33.0380, 41.6740, 56.7547

Protanopia

40.0092, 41.2444, 51.1997

Deuteranopia

42.2121, 41.3836, 58.5863



Tritanopia

33.7560, 41.6557, 60.2941

Trichromacy



Original Color

33.0380, 41.6740, 56.7547

Protanomaly

36.7077, 40.9344, 52.9801

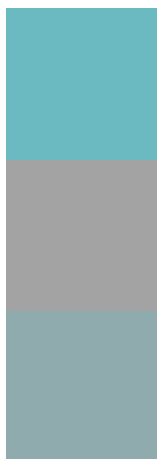
Deuteranomaly

38.0488, 40.9330, 58.1200

Tritanomaly

33.4029, 41.5003, 59.0732

Monochromacy



Original Color

33.0380, 41.6740, 56.7547

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

33.5306, 38.0215, 45.6160

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.0380, 41.6740, 56.7547 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(107, 185, 193)` looks like.

```
.text, #text, p{  
    color:rgb(107, 185, 193)  
}
```

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(107, 185, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 185, 193) }
```

Border

The CSS property to change the border of an element to XYZ 33.0380, 41.6740, 56.7547 is called "border". The border property can be set on classes, ids or directly on the HTML element.

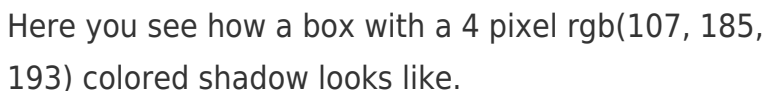
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(107, 185, 193) }
```


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

```
.border{ border-color:rgb(107, 185, 193) }
```

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



Here you see how a box with a 4 pixel `rgb(107, 185, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 185, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 185, 193);  
box-shadow:4px 4px 4px 4px rgb(107, 185,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 33.0380, 41.6740, 56.7547 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 185, 193) }
```

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

```
.background{ background-color: rgb(107,  
185, 193) }
```

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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