

Converting Colors

XYZ(39.1882, 52.9881, 56.3064)

Have a look what the booklet for
XYZ(39.1882, 52.9881, 56.3064)
contains.

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Color

**XYZ(39.1882, 52.9881,
56.3064)**

Conversions

Conversions Part 1

Format	Color
Hex	74D1BD
RGB	116, 209, 189
RGB Percent	45%, 82%, 74%
CMY	0.5451, 0.1804, 0.2588
CMYK	0.44, 0.00, 0.10, 0.18
HSL	167°, 50%, 64%
HSV	167°, 44%, 82%
XYZ	39.1882, 52.9881, 56.3064
YIQ	178.9130, -49.0080, -25.9360

Conversions

Conversions Part 2

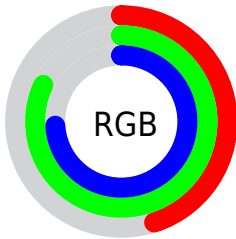
Format	Color
RYB	116, 168, 209
Decimal	7655869
CIELab	77.87, -32.46, 1.31
CIELCh	78, 32.487, 177.691
Yxy	52.9881, 0.2639, 0.3569
Android (android.graphics.Color)	4285845949 (0xFF74D1BD)
YUV	178.9130, 4.9729, -55.1747
Hunter-Lab	72.7929, -31.2918, 5.0934

Details

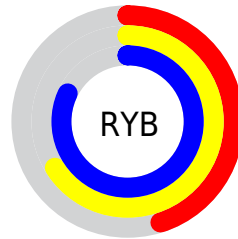
The XYZ color **39.1882, 52.9881, 56.3064** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **36.9856, 27.8250, 26.7158**, and the grayscale version is **42.7957, 45.0244, 49.0315**.

A 20% lighter version of the original color is **69.4750, 86.9968, 99.5165**, and **17.8032, 25.8186, 27.3377** is the 20% darker color. If you saturate the color by 10%, you get **36.2363, 51.5232, 53.6613**, and if you desaturate by 10%, it is **42.7832, 54.7855, 59.0628**.

Distribution



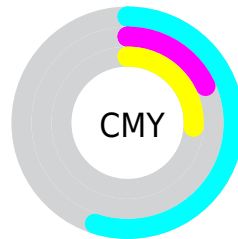
- Red (45%)
- Green (82%)
- Blue (74%)



- Red (45%)
- Yellow (66%)
- Blue (82%)



- Cyan (44%)
- Magenta (0%)
- Yellow (10%)
- Black (18%)





- Cyan (55%)
- Magenta (18%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.1882, 52.9881, 56.3064 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 39.1882, 52.9881, 56.3064 by changing the saturation by 10% instead.


 39.1882, 52.9881,
56.3064


 39.1882, 52.9881,
56.3064


333.8834,
398.2395, 428.2659


 27.0875, 37.7933,
40.0430


 73.2180, 94.5869,
100.9427

 17.7759, 25.8223,
27.2580


 95.8778, 121.7596,
130.1526

 10.8879, 16.6907,
17.5330


 122.7881,
153.6937, 164.5152

 6.0583, 10.0142,
10.4492

154.3141,
190.7737, 204.4489

 2.9215, 5.4084,
5.5883

190.8213,
233.3838, 250.3723

 1.1124, 2.4888,
2.5317

232.6750,

 0.0355, 0.8710,

281.9086, 302.7039

0.8569

280.2406,
336.7323, 361.8622

■ 0.0000, 0.0000,
0.0000

■ 39.1882, 52.9881,
56.3064

■ 39.1882, 52.9881,
56.3064

■ 36.2363, 51.5232,
53.6613

■ 42.7832, 54.7855,
59.0628

■ 33.8804, 50.3624,
51.1213

■ 47.0554, 56.9289,
61.9295

■ 32.0742, 49.4834,
48.6845


■ 52.0419, 59.4387,
64.9099


■ 30.7623, 48.8574,
46.3476

■ 57.7756, 62.3319,
68.0063


■ 29.8774, 48.4500,
44.1068


■ 64.2874, 65.6245,
71.2208

 29.5070, 48.2851,
42.9114

 71.6066, 69.3314,
74.5554

 77.0217, 72.0550,
77.8839

 77.6270, 72.2970,
81.0710

 78.2483, 72.5456,
84.3431

Harmonies

Analogous

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



40.7902, 52.9881, 41.0457



39.1882, 52.9881, 56.3064



40.3670, 52.9881, 75.3938

Triad

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



39.1882, 52.9881, 56.3064



56.2142, 52.9881, 94.2526



57.1302, 52.9881, 33.0301

Complementary

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



39.1882, 52.9881, 56.3064



36.9856, 27.8250, 26.7158

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.



61.8878, 52.9881, 43.0085



39.1882, 52.9881, 56.3064



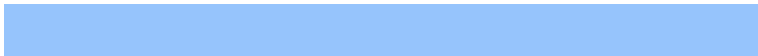
61.3287, 52.9881, 78.3293

Square

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



39.1882, 52.9881, 56.3064



49.8764, 52.9881, 99.8400



63.4841, 52.9881, 59.1063



50.8540, 52.9881, 29.4764

Rectangle

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



39.1882, 52.9881, 56.3064



42.6307, 52.9881, 87.3925



63.4841, 52.9881, 59.1063



58.9792, 52.9881, 35.6262

Sweetspot

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



39.1897, 52.9902, 56.3076



82.7614, 93.7952, 102.4437



36.1322, 52.1109, 24.6779



17.3117, 19.8731, 21.6993



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.



39.1897, 52.9902, 56.3076



57.2031, 80.9896, 84.5206



35.5740, 42.0410, 66.5639



12.0450, 13.3617, 14.5931



18.2300, 29.7849, 26.6549



1.0471, 1.6765, 1.6367

Inverse Universe

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



36.9856, 27.8250, 26.7158



53.3567, 36.8242, 32.6948



39.1737, 34.2681, 21.0735



11.9113, 11.8493, 12.8088



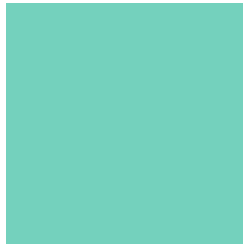
16.5339, 8.4864, 2.4515



0.9546, 0.4865, 0.2956

Previews

White Background



This preview shows how the XYZ color 39.1882, 52.9881, 56.3064 looks on a white background.

Color Contrast Check

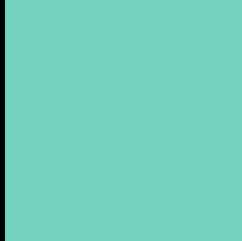
Large Text (above 18pt) WCAG AA × Fail

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 39.1882, 52.9881, 56.3064 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

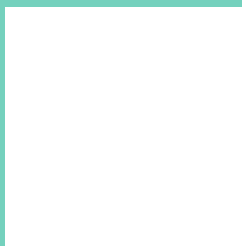
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 39.1882, 52.9881, 56.3064

Background



This preview shows how black text looks on a background with the XYZ color 39.1882, 52.9881, 56.3064.

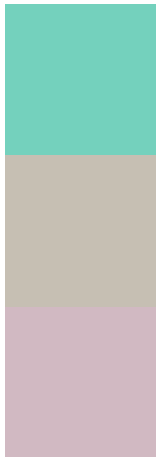


This preview shows how white text looks on a background with the XYZ color 39.1882, 52.9881,

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

39.1882, 52.9881, 56.3064

Protanopia

50.0562, 52.5220, 50.1473

Deuteranopia

53.3811, 52.1483, 58.2911



Tritanopia

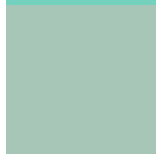
43.1015, 52.7662, 76.3198

Trichromacy



Original Color

39.1882, 52.9881, 56.3064



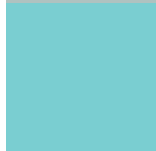
Protanomaly

44.8898, 52.1319, 52.4963



Deuteranomaly

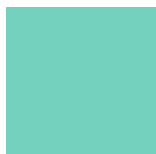
46.4854, 51.5033, 57.3603



Tritanomaly

41.6060, 52.8836, 68.3363

Monochromacy



Original Color

39.1882, 52.9881, 56.3064



Achromatopsia

42.8472, 45.0786, 49.0906



Achromatomaly

40.6710, 47.3137, 51.7886

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.1882, 52.9881, 56.3064 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(116, 209, 189)` looks like.

```
.text, #text, p{  
    color:rgb(116, 209, 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(116, 209, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 209, 189) }
```

Border

The CSS property to change the border of an element to XYZ 39.1882, 52.9881, 56.3064 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(116, 209, 189) }
```


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

```
.border{ border-color:rgb(116, 209, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 209, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(116, 209, 189); -webkit-box-shadow:4px 4px 4px 4px rgb(116, 209, 189); box-shadow:4px 4px 4px 4px rgb(116, 209, 189) }
```

Background

The CSS property to change the background color of an element to XYZ 39.1882, 52.9881, 56.3064 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 209, 189) }
```

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

```
.background{ background-color: rgb(116,  
209, 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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