

Converting Colors

XYZ(39.2972, 53.0316, 56.8801)

Have a look what the booklet for
XYZ(39.2972, 53.0316, 56.8801)
contains.

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Color

**XYZ(39.2972, 53.0316,
56.8801)**

Conversions

Conversions Part 1

Format	Color
Hex	74D1BE
RGB	116, 209, 190
RGB Percent	45%, 82%, 75%
CMY	0.5451, 0.1804, 0.2549
CMYK	0.44, 0.00, 0.09, 0.18
HSL	168°, 50%, 64%
HSV	168°, 44%, 82%
XYZ	39.2972, 53.0316, 56.8801
YIQ	179.0270, -49.3290, -25.6250

Conversions

Conversions Part 2

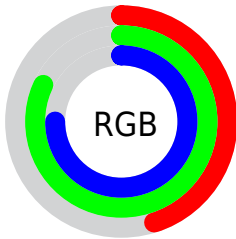
Format	Color
RYB	116, 168, 209
Decimal	7655870
CIELab	77.89, -32.23, 0.81
CIELCh	78, 32.237, 178.560
Yxy	53.0316, 0.2634, 0.3554
Android (android.graphics.Color)	4285845950 (0xFF74D1BE)
YUV	179.0270, 5.4097, -55.2747
Hunter-Lab	72.8228, -31.1164, 4.6660

Details

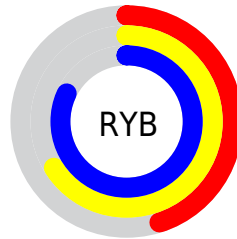
The XYZ color **39.2972, 53.0316, 56.8801** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **36.9149, 27.7969, 26.3435**, and the grayscale version is **42.8543, 45.0861, 49.0987**.

A 20% lighter version of the original color is **69.6281, 87.0581, 100.3229**, and **17.8746, 25.8472, 27.7138** is the 20% darker color. If you saturate the color by 10%, you get **36.3657, 51.5749, 54.3429**, and if you desaturate by 10%, it is **42.8703, 54.8202, 59.5211**.

Distribution



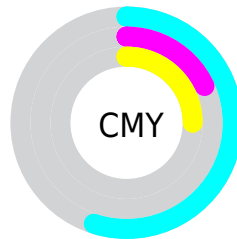
- Red (45%)
- Green (82%)
- Blue (75%)



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



- Cyan (44%)
- Magenta (0%)
- Yellow (9%)
- Black (18%)



- Cyan (55%)
- Magenta (18%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.2972, 53.0316, 56.8801 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 39.2972, 53.0316, 56.8801 by changing the saturation by 10% instead.

■ 39.2972, 53.0316,
56.8801

■ 39.2972, 53.0316,
56.8801

334.3379,
398.4063, 430.4810

■ 27.1728, 37.8280,
40.5003

■ 73.3833, 94.6509,
101.7888

■ 17.8403, 25.8492,
27.6121

■ 96.0757, 121.8353,
131.1548

■ 10.9344, 16.7109,
17.7969

■ 123.0214,
153.7822, 165.6865

■ 6.0897, 10.0286,
10.6364

154.5858,
190.8758, 205.8026

■ 2.9409, 5.4179,
5.7118

191.1343,
233.5007, 251.9216

■ 1.1226, 2.4945,
2.6047

233.0323,

■ 0.0439, 0.8739,

282.0411, 304.4619

0.8949

280.6450,
336.8815, 363.8422

■ 0.0000, 0.0000,
0.0000

■ 39.2972, 53.0316,
56.8801

■ 39.2972, 53.0316,
56.8801

■ 36.3657, 51.5749,
54.3429

■ 42.8703, 54.8202,
59.5211

■ 34.0289, 50.4217,
51.9031

■ 47.1192, 56.9543,
62.2645

■ 32.2403, 49.5497,
49.5592


■ 52.0808, 59.4541,
65.1139


■ 30.9446, 48.9303,
47.3080


■ 57.7881, 62.3368,
68.0713


■ 30.0746, 48.5287,
45.1456


■ 64.2720, 65.6182,
71.1388

 29.7118, 48.3669,
43.9902

 71.5618, 69.3134,
74.3184

 76.9456, 72.0244,
77.4836

 77.5183, 72.2535,
80.4990

 78.1055, 72.4883,
83.5912

Harmonies

Analogous

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



40.8109, 53.0316, 41.5536



39.2972, 53.0316, 56.8801



40.5486, 53.0316, 75.8542

Triad

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



39.2972, 53.0316, 56.8801



56.3855, 53.0316, 93.6487



56.9522, 53.0316, 33.0282

Complementary

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



39.2972, 53.0316, 56.8801



36.9149, 27.7969, 26.3435

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.



61.7416, 53.0316, 42.7708



39.2972, 53.0316, 56.8801



61.3958, 53.0316, 77.6690

Square

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



39.2972, 53.0316, 56.8801



50.1029, 53.0316, 99.5478



63.4303, 53.0316, 58.6134



50.7082, 53.0316, 29.6670

Rectangle

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



39.2972, 53.0316, 56.8801



42.8461, 53.0316, 87.6548



63.4303, 53.0316, 58.6134



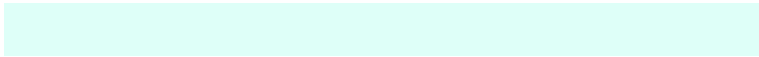
58.8043, 53.0316, 35.5509

Sweetspot

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



39.2987, 53.0337, 56.8813



82.8168, 93.8173, 102.7351



36.1323, 52.1108, 24.6781



17.3255, 19.8786, 21.7718



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.



39.2987, 53.0337, 56.8813



57.4034, 81.0697, 85.5750



35.5741, 42.0411, 66.5637



12.0506, 13.3640, 14.6226



18.3550, 29.8350, 27.3135



1.0531, 1.6789, 1.6683

Inverse Universe

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



36.9149, 27.7969, 26.3435



53.2414, 36.7781, 32.0879



39.1738, 34.2683, 21.0739



11.9061, 11.8472, 12.7814



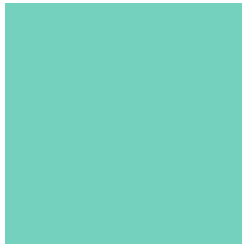
16.5068, 8.4755, 2.3088



0.9522, 0.4856, 0.2829

Previews

White Background



This preview shows how the XYZ color 39.2972, 53.0316, 56.8801 looks on a white background.

Color Contrast Check

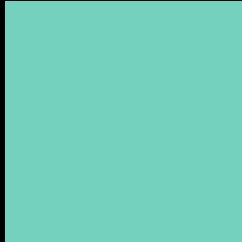
Large Text (above 18pt) WCAG AA × Fail

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 39.2972, 53.0316, 56.8801 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

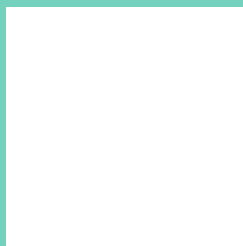
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 39.2972, 53.0316, 56.8801

Background



This preview shows how black text looks on a background with the XYZ color 39.2972, 53.0316, 56.8801.



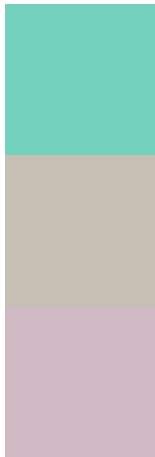
This preview shows how white text looks on a background with the XYZ color 39.2972, 53.0316,

56.8801.

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

39.2972, 53.0316, 56.8801

Protanopia

50.1577, 52.5627, 50.6820

Deuteranopia

53.4217, 52.4678, 58.9414



Tritanopia

43.1015, 52.7662, 76.3198

Trichromacy



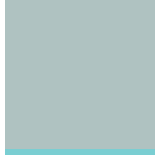
Original Color

39.2972, 53.0316, 56.8801



Protanomaly

44.9943, 52.1737, 53.0465



Deuteranomaly

46.5966, 51.5478, 57.9459



Tritanomaly

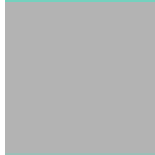
41.7302, 52.9333, 68.9905

Monochromacy



Original Color

39.2972, 53.0316, 56.8801



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 39.2972, 53.0316, 56.8801 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, 190)` looks like.

```
.text, #text, p{  
    color:rgb(116, 209, 190)  
}
```

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, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 209, 190) }
```

Border

The CSS property to change the border of an element to XYZ 39.2972, 53.0316, 56.8801 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, 190) }
```


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

```
.border{ border-color:rgb(116, 209, 190) }
```

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, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 209, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 209, 190);  
box-shadow:4px 4px 4px 4px rgb(116, 209,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 39.2972, 53.0316, 56.8801 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, 190) }
```

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

```
.background{ background-color: rgb(116,  
209, 190) }
```

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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