

Converting Colors

XYZ(39.1956, 52.2623, 73.6153)

Have a look what the booklet for
XYZ(39.1956, 52.2623, 73.6153)
contains.

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Color

**XYZ(39.2001, 52.2454,
73.6639)**

Conversions

Conversions Part 1

Format	Color
Hex	59D0D9
RGB	89, 208, 217
RGB Percent	35%, 82%, 85%
CMY	0.6510, 0.1843, 0.1490
CMYK	0.59, 0.04, 0.00, 0.15
HSL	184°, 63%, 60%
HSV	184°, 59%, 85%
XYZ	39.2001, 52.2454, 73.6639
YIQ	173.4450, -73.8130, -22.4290

Conversions

Conversions Part 2

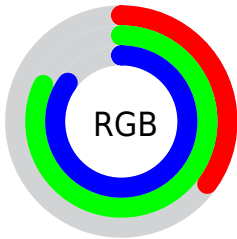
Format	Color
RYB	89, 151, 217
Decimal	5886169
CIELab	77.43, -30.52, -14.49
CIELCh	77, 33.790, 205.398
Yxy	52.2454, 0.2374, 0.3164
Android (android.graphics.Color)	4284076249 (0xFF59D0D9)
YUV	173.4450, 21.4726, -74.0583
Hunter-Lab	72.2810, -29.6859, -9.8277

Details

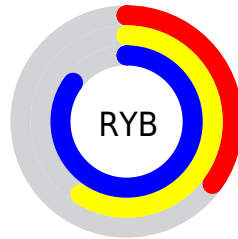
The XYZ color **39.2001, 52.2454, 73.6639** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **34.7872, 24.2095, 12.2920**, and the grayscale version is **39.8700, 41.9464, 45.6796**.

A 20% lighter version of the original color is **66.3877, 85.2240, 107.5586**, and **17.9128, 25.3911, 38.1393** is the 20% darker color. If you saturate the color by 10%, you get **37.0469, 50.5870, 73.4582**, and if you desaturate by 10%, it is **41.9737, 54.2312, 73.9020**.

Distribution



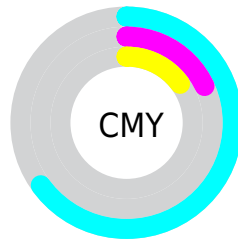
- Red (35%)
- Green (82%)
- Blue (85%)



- Red (35%)
- Yellow (59%)
- Blue (85%)



- Cyan (59%)
- Magenta (4%)
- Yellow (0%)
- Black (15%)



- Cyan (65%)
- Magenta (18%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.2001, 52.2454, 73.6639 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 39.2001, 52.2454, 73.6639 by changing the saturation by 10% instead.

39.2001, 52.2454,
73.6639

39.2001, 52.2454,
73.6639

333.9330,
395.3833, 492.4449

27.0969, 37.2007,
54.0239

73.2360, 93.4931,
126.1489

17.7829, 25.3629,
38.2274

95.8994, 120.4648,
159.8309

10.8930, 16.3477,
25.8561

122.8135,
152.1810, 199.0307

6.0617, 9.7705,
16.4912

154.3438,
189.0262, 244.1668

2.9236, 5.2471,
9.7143

190.8555,
231.3845, 295.6577

1.1135, 2.3929,
5.1068

232.7140,

0.0364, 0.8223,

279.6406, 353.9220

2.2502

280.2848,
334.1787, 419.3782

■ 0.0000, 0.0000,
0.7031

■ 0.0000, 0.0000,
0.0000

■ 39.2001, 52.2454,
73.6639

■ 39.2001, 52.2454,
73.6639

■ 37.0469, 50.5870,
73.4582

■ 41.9737, 54.2312,
73.9020

■ 35.4535, 49.2214,
73.2786

■ 45.4118, 56.5638,
74.1710

■ 34.3559, 48.1166,
73.1232

■ 49.5601, 59.2678,
74.4743

■ 33.6496, 47.2188,
72.9872

■ 54.4587, 62.3639,
74.8137

■ 33.5856, 47.1319,
72.9738

■ 60.1450, 65.8715,
75.1910

■ 66.6536, 69.8084,
75.6079

■ 74.0172, 74.1915,
76.0658

■ 79.4122, 77.5652,
76.4326

■ 79.8150, 78.3706,
76.5669

Harmonies

Analogous

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



38.2110, 52.2454, 54.0624



39.2001, 52.2454, 73.6639



42.8922, 52.2454, 91.7342

Triad

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



39.2001, 52.2454, 73.6639



60.6737, 52.2454, 79.7333



50.6673, 52.2454, 28.1438

Complementary

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



39.2001, 52.2454, 73.6639



34.7872, 24.2095, 12.2920

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.



57.0996, 52.2454, 32.2145



39.2001, 52.2454, 73.6639



63.1886, 52.2454, 59.8070

Square

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



39.2001, 52.2454, 73.6639



55.2143, 52.2454, 95.7406



61.8271, 52.2454, 42.8718



44.4869, 52.2454, 30.2883

Rectangle

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



39.2001, 52.2454, 73.6639



46.5727, 52.2454, 99.0374



61.8271, 52.2454, 42.8718



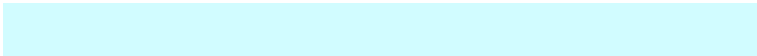
52.8760, 52.2454, 28.7999

Sweetspot

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



39.2017, 52.2474, 73.6651



79.1120, 90.2684, 107.8616



31.1166, 52.6237, 19.9590



16.4590, 19.0247, 23.0546



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.



39.2017, 52.2474, 73.6651



52.7034, 72.3403, 105.7931



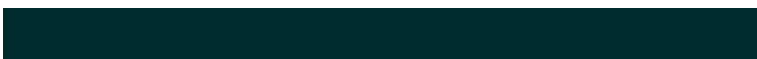
26.6897, 27.2235, 69.4945



13.3624, 14.6646, 16.7784



20.3632, 28.5959, 44.1847



1.3432, 1.9006, 2.8705

Inverse Universe

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



43.5742, 26.4520, 62.4858



59.7534, 32.5781, 87.3578



43.2580, 41.1511, 15.1156



13.5728, 13.2582, 16.2776



23.7737, 11.5105, 34.7842



1.5523, 0.7506, 2.3173

Previews

White Background



This preview shows how the XYZ color 39.2001, 52.2454, 73.6639 looks on a white background.

Color Contrast Check

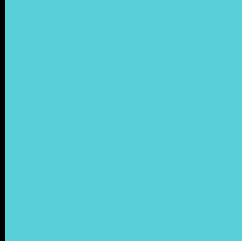
Large Text (above 18pt) WCAG AA × Fail

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 39.2001, 52.2454, 73.6639 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 39.2001, 52.2454, 73.6639

Background



This preview shows how black text looks on a background with the XYZ color 39.2001, 52.2454, 73.6639.

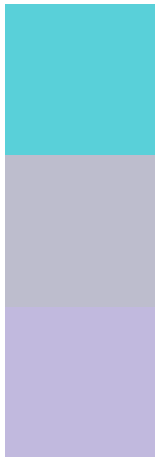


This preview shows how white text looks on a background with the XYZ color 39.2001, 52.2454,

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

39.2001, 52.2454, 73.6639

Protanopia

50.2033, 51.6218, 65.0756

Deuteranopia

52.5261, 51.3093, 76.2425



Tritanopia

40.1810, 52.2828, 78.4948

Trichromacy



Original Color

39.2001, 52.2454, 73.6639



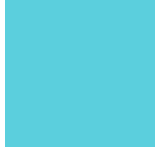
Protanomaly

44.3854, 50.8556, 67.7984



Deuteranomaly

45.5058, 50.2758, 75.0159



Tritanomaly

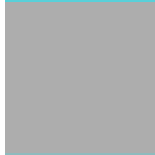
39.6784, 52.0703, 76.3659

Monochromacy



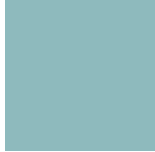
Original Color

39.2001, 52.2454, 73.6639



Achromatopsia

39.7200, 41.7885, 45.5077



Achromatomaly

37.8995, 44.5427, 54.7442

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.2001, 52.2454, 73.6639 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(89, 208, 217)` looks like.

```
.text, #text, p{  
    color:rgb(89, 208, 217)  
}
```

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(89, 208, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 208, 217) }
```

Border

The CSS property to change the border of an element to XYZ 39.2001, 52.2454, 73.6639 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(89, 208, 217) }
```


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

```
.border{ border-color:rgb(89, 208, 217) }
```

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

Here you see how a box with a 4 pixel rgb(89, 208, 217) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 208, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 208, 217);  
box-shadow:4px 4px 4px 4px rgb(89, 208,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 39.2001, 52.2454, 73.6639 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 208, 217) }
```

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

```
.background{ background-color: rgb(89, 208,  
217) }
```

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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