

Converting Colors

XYZ(39.2004, 52.4696, 80.0131)

Have a look what the booklet for
XYZ(39.2004, 52.4696, 80.0131)
contains.

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Color

**XYZ(39.2004, 52.4696,
80.0131)**

Conversions

Conversions Part 1

Format	Color
Hex	48D1E2
RGB	72, 209, 226
RGB Percent	28%, 82%, 89%
CMY	0.7176, 0.1804, 0.1137
CMYK	0.68, 0.08, 0.00, 0.11
HSL	187°, 73%, 58%
HSV	187°, 68%, 89%
XYZ	39.2004, 52.4696, 80.0131
YIQ	169.9750, -87.1090, -23.7570

Conversions

Conversions Part 2

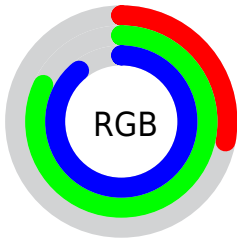
Format	Color
RYB	72, 145, 226
Decimal	4772322
CIELab	77.56, -31.10, -19.17
CIELCh	78, 36.532, 211.649
Yxy	52.4696, 0.2283, 0.3056
Android (android.graphics.Color)	4282962402 (0xFF48D1E2)
YUV	169.9750, 27.6203, -85.9241
Hunter-Lab	72.4359, -30.1633, -14.7869

Details

The XYZ color **39.2004, 52.4696, 80.0131** 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 **36.1075, 23.7830, 8.8200**, and the grayscale version is **38.0958, 40.0798, 43.6469**.

A 20% lighter version of the original color is **64.4575, 84.2290, 107.4683**, and **18.9063, 26.0515, 42.5600** is the 20% darker color. If you saturate the color by 10%, you get **37.2080, 50.5420, 79.7470**, and if you desaturate by 10%, it is **41.8246, 54.7393, 80.3139**.

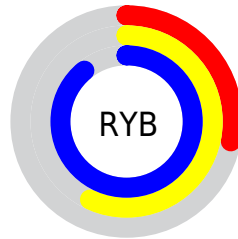
Distribution



Red (28%)

Green (82%)

Blue (89%)



Red (28%)

Yellow (57%)

Blue (89%)

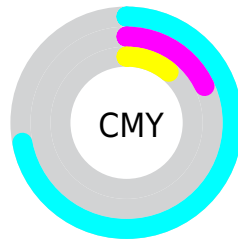


Cyan (68%)

Magenta (8%)

Yellow (0%)

Black (11%)



Cyan (72%)


Magenta (18%)

Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.2004, 52.4696, 80.0131 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 39.2004, 52.4696, 80.0131 by changing the saturation by 10% instead.


 39.2004, 52.4696,
80.0131


 39.2004, 52.4696,
80.0131


333.9343,
396.2469, 514.6849


 27.0971, 37.3795,
59.2029


 73.2365, 93.8234,
135.1957


 17.7831, 25.5015,
42.3554


 95.8999, 120.8560,
170.4052

 10.8931, 16.4511,
29.0520


 122.8142,
152.6381, 211.2516

 6.0618, 9.8439,
18.8743

 154.3445,
189.5543, 258.1533

 2.9237, 5.2956,
11.4036

190.8564,
231.9888, 311.5290

 1.1135, 2.4217,
6.2214

232.7150,

 0.0364, 0.8370,

280.3262, 371.7971

2.9092

280.2859,
334.9507, 439.3762

■ 0.0000, 0.0000,
1.0485

■ 0.0000, 0.0000,
0.0000

■ 39.2004, 52.4696,
80.0131

■ 39.2004, 52.4696,
80.0131

■ 37.2080, 50.5420,
79.7470

■ 41.8246, 54.7393,
80.3139

■ 35.7707, 48.9137,
79.5085

■ 45.1366, 57.3768,
80.6484

■ 34.7882, 47.5338,
79.2939

■ 49.1917, 60.4117,
81.0205

■ 34.6270, 47.2897,
79.2553

■ 54.0381, 63.8690,
81.4323

■ 59.7201, 67.7715,
81.8861

■ 66.2785, 72.1404,
82.3837

■ 73.7516, 76.9954,
82.9270

■ 82.1751, 82.3550,
83.5175

■ 83.6712, 84.1582,
83.7867

Harmonies

Analogous

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



37.5132, 52.4696, 58.2549



39.2004, 52.4696, 80.0131



43.7079, 52.4696, 98.5495

Triad

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



39.2004, 52.4696, 80.0131



62.7742, 52.4696, 77.6153



49.4817, 52.4696, 26.4524

Complementary

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



39.2004, 52.4696, 80.0131



36.1075, 23.7830, 8.8200

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.



56.5874, 52.4696, 29.3273



39.2004, 52.4696, 80.0131



64.6817, 52.4696, 56.0206

Square

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



39.2004, 52.4696, 80.0131



57.3256, 52.4696, 96.9514



62.3205, 52.4696, 39.0882



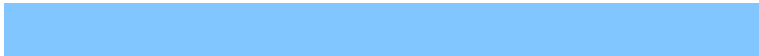
43.0920, 52.4696, 30.0494

Rectangle

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



39.2004, 52.4696, 80.0131



47.9283, 52.4696, 104.7806



62.3205, 52.4696, 39.0882



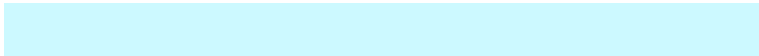
51.8651, 52.4696, 26.6897

Sweetspot

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



39.2020, 52.4715, 80.0144



76.9421, 88.0379, 107.5455



31.6070, 56.4664, 18.3378



16.0055, 18.5272, 22.9825



0.0000, 0.0000, 0.0000



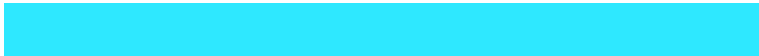
20.3446, 21.4041, 23.3091

Same Dimension

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



39.2020, 52.4715, 80.0144



48.0059, 65.4659, 104.7137



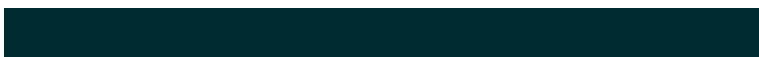
24.8716, 23.8107, 75.2376



13.9806, 15.3003, 17.6041



19.8088, 27.0871, 45.2327



1.4104, 1.9523, 3.1477

Inverse Universe

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



45.1914, 25.4085, 62.8460



56.7670, 29.0278, 78.8942



45.8825, 43.3329, 12.0783



14.2264, 13.9082, 16.9625



23.9387, 11.6425, 32.6728



1.6782, 0.8145, 2.3641

Previews

White Background



This preview shows how the XYZ color 39.2004, 52.4696, 80.0131 looks on a white background.

Color Contrast Check

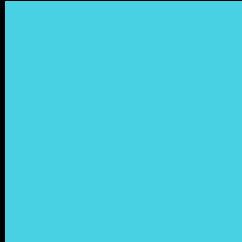
Large Text (above 18pt) WCAG AA × Fail

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 39.2004, 52.4696, 80.0131 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

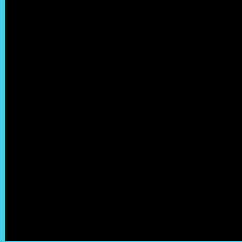
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.2004, 52.4696, 80.0131

Background



This preview shows how black text looks on a background with the XYZ color 39.2004, 52.4696, 80.0131.



This preview shows how white text looks on a background with the XYZ color 39.2004, 52.4696,

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

39.2004, 52.4696, 80.0131

Protanopia

50.7014, 51.7641, 70.2700

Deuteranopia

52.7217, 51.5787, 82.7783



Tritanopia

39.2004, 52.4696, 80.0131

Trichromacy



Original Color

39.2004, 52.4696, 80.0131



Protanomaly

44.0719, 50.5616, 73.7662



Deuteranomaly

45.2887, 50.3517, 81.4606



Tritanomaly

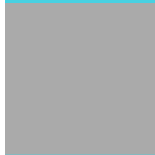
39.2004, 52.4696, 80.0131

Monochromacy



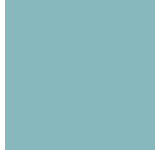
Original Color

39.2004, 52.4696, 80.0131



Achromatopsia

38.2080, 40.1978, 43.7754



Achromatomaly

36.2663, 43.0670, 55.1165

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.2004, 52.4696, 80.0131 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(72, 209, 226)` looks like.

```
.text, #text, p{  
    color:rgb(72, 209, 226)  
}
```

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(72, 209, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 209, 226) }
```

Border

The CSS property to change the border of an element to XYZ 39.2004, 52.4696, 80.0131 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(72, 209, 226) }
```


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

```
.border{ border-color:rgb(72, 209, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(72, 209, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 209, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 209, 226);  
box-shadow:4px 4px 4px 4px rgb(72, 209,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 39.2004, 52.4696, 80.0131 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 209, 226) }
```

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

```
.background{ background-color: rgb(72, 209,  
226) }
```

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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