

Converting Colors

XYZ(39.2420, 52.0458, 52.3785)

Have a look what the booklet for
XYZ(39.2420, 52.0458, 52.3785)
contains.

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Color

**XYZ(39.2672, 52.0320,
52.2296)**

Conversions

Conversions Part 1

Format	Color
Hex	7FCEB6
RGB	127, 206, 182
RGB Percent	50%, 81%, 71%
CMY	0.5020, 0.1921, 0.2863
CMYK	0.38, 0.00, 0.12, 0.19
HSL	162°, 45%, 65%
HSV	162°, 38%, 81%
XYZ	39.2672, 52.0320, 52.2296
YIQ	179.6430, -39.3800, -24.2120

Conversions

Conversions Part 2

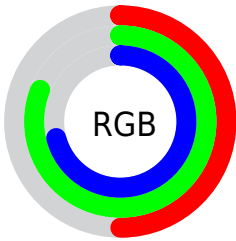
Format	Color
RYB	127, 174, 206
Decimal	8375990
CIELab	77.30, -29.76, 4.30
CIElCh	77, 30.072, 171.776
Yxy	52.0320, 0.2736, 0.3625
Android (android.graphics.Color)	4286566070 (0xFF7FCEB6)
YUV	179.6430, 1.1620, -46.1679
Hunter-Lab	72.1332, -29.0630, 7.5630

Details

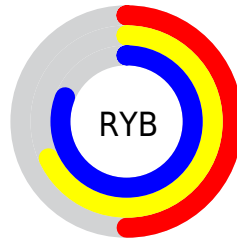
The XYZ color **39.2672, 52.0320, 52.2296** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **38.6306, 30.5363, 33.1382**, and the grayscale version is **43.2013, 45.4512, 49.4963**.

A 20% lighter version of the original color is **70.7211, 87.7603, 94.1010**, and **17.7767, 25.1347, 24.6834** is the 20% darker color. If you saturate the color by 10%, you get **35.8750, 50.3577, 48.7702**, and if you desaturate by 10%, it is **43.3185, 54.0454, 55.8730**.

Distribution



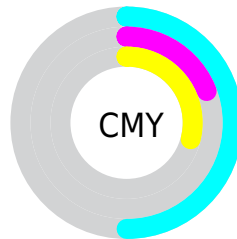
- Red (50%)
- Green (81%)
- Blue (71%)



- Red (50%)
- Yellow (68%)
- Blue (81%)



- Cyan (38%)
- Magenta (0%)
- Yellow (12%)
- Black (19%)




- Cyan (50%)
- Magenta (19%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.2672, 52.0320, 52.2296 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 39.2672, 52.0320, 52.2296 by changing the saturation by 10% instead.


 39.2672, 52.0320,
52.2296


 39.2672, 52.0320,
52.2296


334.2128,
394.5601, 412.3045


 27.1493, 37.0306,
36.8046


 73.3378, 93.1784,
94.8998

 17.8226, 25.2312,
24.7616


 96.0212, 120.0922,
122.9821

 10.9216, 16.2494,
15.6822


 122.9572,
151.7456, 156.1205

 6.0810, 9.7008,
9.1476

154.5111,
188.5230, 194.7337

 2.9355, 5.2010,
4.7395

191.0482,
230.8087, 239.2402

 1.1198, 2.3657,
2.0392

232.9340,

 0.0416, 0.8082,

278.9872, 290.0584

0.5792

280.5337,
333.4429, 347.6070

■ 0.0000, 0.0000,
0.0000

■ 39.2672, 52.0320,
52.2296

■ 39.2672, 52.0320,
52.2296

■ 35.8750, 50.3577,
48.7702

■ 43.3185, 54.0454,
55.8730

■ 33.0987, 48.9962,
45.4876

■ 48.0600, 56.4100,
59.7004

■ 30.8966, 47.9275,
42.3788

■ 53.5263, 59.1447,
63.7165

■ 29.2199, 47.1265,
39.4396

■ 59.7482, 62.2655,
67.9245

■ 28.0111, 46.5635,
36.6652

■ 66.7546, 65.7873,
72.3276

■ 27.1832, 46.1937,
34.0494

■ 74.5730, 69.7240,
76.9288

■ 27.0617, 46.1402,
33.6317

■ 77.0140, 70.8851,
81.4403

■ 77.8879, 71.2347,
86.0421

■ 78.7935, 71.5969,
90.8107

Harmonies

Analogous

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



41.2411, 52.0320, 39.1810



39.2672, 52.0320, 52.2296



39.8511, 52.0320, 69.2777

Triad

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



39.2672, 52.0320, 52.2296



53.6859, 52.0320, 91.5787



56.6418, 52.0320, 35.1793

Complementary

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



39.2672, 52.0320, 52.2296



38.6306, 30.5363, 33.1382

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.



60.4895, 52.0320, 45.6653



39.2672, 52.0320, 52.2296



58.6926, 52.0320, 78.6749

Square

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



39.2672, 52.0320, 52.2296



47.8848, 52.0320, 94.2777



61.2678, 52.0320, 61.3215



51.0588, 52.0320, 30.6669

Rectangle

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



39.2672, 52.0320, 52.2296



41.6340, 52.0320, 80.5680



61.2678, 52.0320, 61.3215



58.1984, 52.0320, 38.0128

Sweetspot

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



39.2687, 52.0341, 52.2308



83.2136, 94.0669, 100.7210



38.8557, 52.3541, 28.1370



17.5587, 20.0079, 21.3738



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.



39.2687, 52.0341, 52.2308



59.0256, 82.0313, 79.9906



38.6383, 46.4575, 65.3256



11.3925, 12.6667, 13.6241



16.7079, 28.4285, 20.9448



0.8947, 1.4797, 1.2530

Inverse Universe

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



38.6306, 30.5363, 33.1382



57.8611, 42.3812, 44.8376



38.8823, 33.8482, 24.5636



11.3503, 11.2689, 12.3793



16.2570, 8.3134, 3.8061



0.8726, 0.4425, 0.3752

Previews

White Background



This preview shows how the XYZ color 39.2672, 52.0320, 52.2296 looks on a white background.

Color Contrast Check

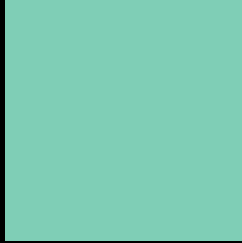
Large Text (above 18pt) WCAG AA × Fail

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 39.2672, 52.0320, 52.2296 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

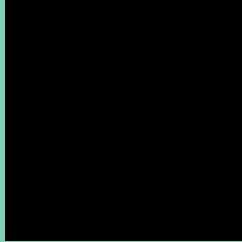
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

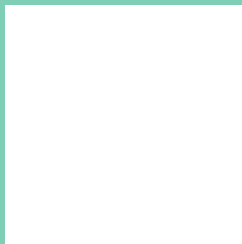
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 39.2672, 52.0320, 52.2296

Background



This preview shows how black text looks on a background with the XYZ color 39.2672, 52.0320, 52.2296.

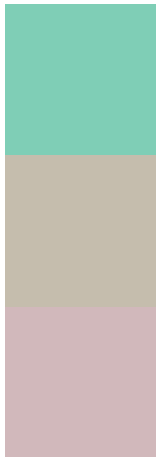


This preview shows how white text looks on a background with the XYZ color 39.2672, 52.0320,

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

39.2672, 52.0320, 52.2296

Protanopia

48.7664, 51.2826, 46.8634

Deuteranopia

52.4046, 51.4241, 54.1775



Tritanopia

43.5644, 52.0173, 73.3899

Trichromacy



Original Color

39.2672, 52.0320, 52.2296

Protanomaly

44.3648, 50.9355, 48.5675

Deuteranomaly

46.1970, 50.7858, 53.2667

Tritanomaly

41.9279, 52.0581, 64.9651

Monochromacy



Original Color

39.2672, 52.0320, 52.2296

Achromatopsia

43.3819, 45.6411, 49.7032

Achromatomaly

41.2360, 47.3085, 50.6741

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.2672, 52.0320, 52.2296 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(127, 206, 182)` looks like.

```
.text, #text, p{  
    color:rgb(127, 206, 182)  
}
```

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(127, 206, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 206, 182) }
```

Border

The CSS property to change the border of an element to XYZ 39.2672, 52.0320, 52.2296 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(127, 206, 182) }
```


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

```
.border{ border-color:rgb(127, 206, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 206, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 206, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 206, 182);  
box-shadow:4px 4px 4px 4px rgb(127, 206,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 39.2672, 52.0320, 52.2296 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 206, 182) }
```

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

```
.background{ background-color: rgb(127,  
206, 182) }
```

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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