

Converting Colors

XYZ(39.0791, 52.4388, 78.5834)

Have a look what the booklet for
XYZ(39.0791, 52.4388, 78.5834)
contains.

XYZ(39.0790, 52.4386, 78.5830)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(39.0790, 52.4386,
78.5830)**

Conversions

Conversions Part 1

Format	Color
Hex	4AD1E0
RGB	74, 209, 224
RGB Percent	29%, 82%, 88%
CMY	0.7098, 0.1804, 0.1216
CMYK	0.67, 0.07, 0.00, 0.12
HSL	186°, 71%, 58%
HSV	186°, 67%, 88%
XYZ	39.0790, 52.4386, 78.5830
YIQ	170.3450, -85.2750, -23.9550

Conversions

Conversions Part 2

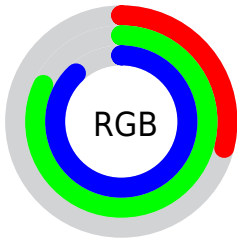
Format	Color
R _{YB}	74, 145, 224
Decimal	4903392
CIE _{Lab}	77.54, -31.40, -18.12
CIE _{LCh}	78, 36.256, 209.984
Y _{xy}	52.4386, 0.2297, 0.3083
Android (android.graphics.Color)	4283093472 (0xFF4AD1E0)
YUV	170.3450, 26.4519, -84.4946
Hunter-Lab	72.4145, -30.3966, -13.6504

Details

The XYZ color **39.0790, 52.4386, 78.5830** 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 **35.5501, 23.4878, 9.1399**, and the grayscale version is **38.2850, 40.2788, 43.8636**.

A 20% lighter version of the original color is **64.6252, 84.3154, 107.4761**, and **18.7170, 25.9758, 41.5635** is the 20% darker color. If you saturate the color by 10%, you get **37.1063, 50.6127, 78.3355**, and if you desaturate by 10%, it is **41.6764, 54.6003, 78.8643**.

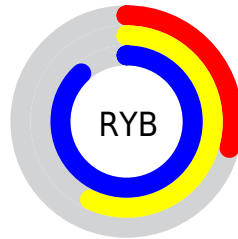
Distribution



Red (29%)

Green (82%)

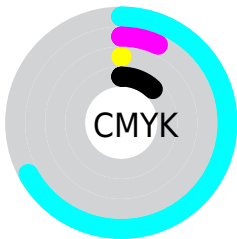
Blue (88%)



Red (29%)

Yellow (57%)

Blue (88%)

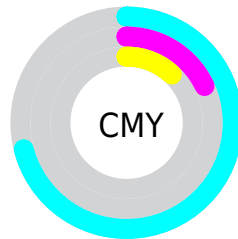


Cyan (67%)

Magenta (7%)

Yellow (0%)

Black (12%)



Cyan (71%)


Magenta (18%)


Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.0790, 52.4386, 78.5830 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 39.0790, 52.4386, 78.5830 by changing the saturation by 10% instead.


 39.0790, 52.4386,
78.5830


 39.0790, 52.4386,
78.5830


333.4276,
396.1275, 509.7248


 27.0022, 37.3548,
58.0337


 73.0523, 93.7778,
133.1650


 17.7115, 25.4823,
41.4209

 95.6795, 120.8019,
168.0348

 10.8415, 16.4368,
28.3259


 122.5542,
152.5749, 208.5152

 6.0268, 9.8337,
18.3303

 154.0417,
189.4813, 255.0247

 2.9022, 5.2889,
11.0155

190.5075,
231.9053, 307.9818

 1.1023, 2.4177,
5.9630

232.3168,

 0.0270, 0.8350,

280.2314, 367.8052

2.7541

279.8351,
334.8440, 434.9134

■ 0.0000, 0.0000,
0.9705

■ 0.0000, 0.0000,
0.0000

■ 39.0790, 52.4386,
78.5830

■ 39.0790, 52.4386,
78.5830

■ 37.1063, 50.6127,
78.3355

■ 41.6764, 54.6003,
78.8643

■ 35.6848, 49.0812,
78.1148

■ 44.9521, 57.1221,
79.1784

■ 34.7271, 47.8001,
77.9180

■ 48.9596, 60.0327,
79.5290

■ 34.4822, 47.4369,
77.8608

■ 53.7456, 63.3562,
79.9183

■ 59.3529, 67.1148,
80.3482

■ 65.8212, 71.3289,
80.8207

■ 73.1874, 76.0177,
81.3375

■ 81.4866, 81.1993,
81.9002

■ 82.7588, 82.7701,
82.1364

Harmonies

Analogous

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



37.5689, 52.4386, 57.0857



39.0790, 52.4386, 78.5830



43.4134, 52.4386, 97.3494

Triad

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



39.0790, 52.4386, 78.5830



62.4132, 52.4386, 78.6067



49.8452, 52.4386, 26.5982

Complementary

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



39.0790, 52.4386, 78.5830



35.5501, 23.4878, 9.1399

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.



56.8743, 52.4386, 29.8239



39.0790, 52.4386, 78.5830



64.5317, 52.4386, 57.1078

Square

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



39.0790, 52.4386, 78.5830



56.8670, 52.4386, 97.3652



62.4177, 52.4386, 39.9342



43.4195, 52.4386, 29.8167

Rectangle

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



39.0790, 52.4386, 78.5830



47.5392, 52.4386, 104.0296



62.4177, 52.4386, 39.9342



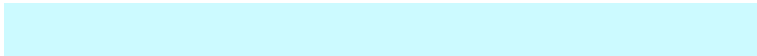
52.2166, 52.4386, 26.9525

Sweetspot

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



39.0806, 52.4406, 78.5843



77.1065, 88.3667, 107.6003



31.1809, 55.4483, 17.9709



16.0455, 18.6072, 22.9958



0.0000, 0.0000, 0.0000



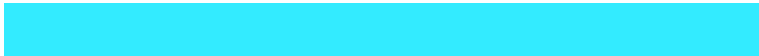
20.3446, 21.4041, 23.3091

Same Dimension

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



39.0806, 52.4406, 78.5843



49.0096, 67.1126, 104.9787



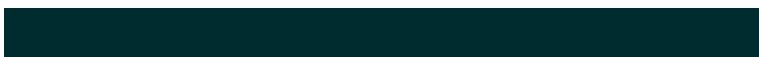
25.1549, 24.5890, 73.9423



13.9933, 15.3258, 17.6083



20.1193, 27.7081, 45.3362



1.4289, 1.9892, 3.1539

Inverse Universe

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



44.6992, 25.3497, 62.8608



57.3617, 29.6028, 80.9864



44.8103, 42.0083, 12.2266



14.2329, 13.9108, 16.9964



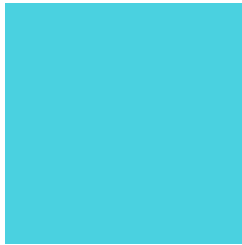
24.0955, 11.7052, 33.4982



1.6875, 0.8183, 2.4132

Previews

White Background



This preview shows how the XYZ color 39.0790, 52.4386, 78.5830 looks on a white background.

Color Contrast Check

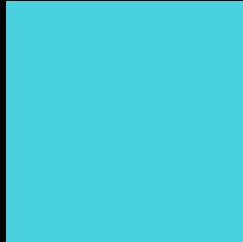
Large Text (above 18pt) WCAG AA × Fail

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 39.0790, 52.4386, 78.5830 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

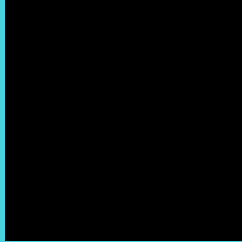
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.0790, 52.4386, 78.5830

Background



This preview shows how black text looks on a background with the XYZ color 39.0790, 52.4386, 78.5830.



This preview shows how white text looks on a background with the XYZ color 39.0790, 52.4386,

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

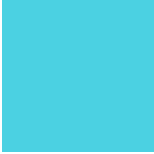
39.0790, 52.4386, 78.5830

Protanopia

50.4490, 51.6631, 68.9411

Deuteranopia

52.6880, 51.5938, 81.3104



Tritanopia

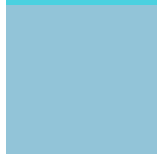
39.4296, 52.5878, 80.0238

Trichromacy



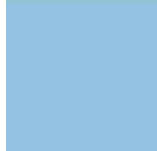
Original Color

39.0790, 52.4386, 78.5830



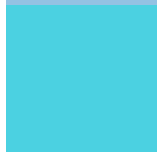
Protanomaly

43.9887, 50.5487, 72.4042



Deuteranomaly

45.1895, 50.3327, 80.0065



Tritanomaly

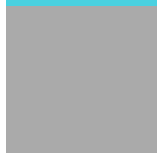
39.2927, 52.5330, 79.3031

Monochromacy



Original Color

39.0790, 52.4386, 78.5830



Achromatopsia

38.2080, 40.1978, 43.7754



Achromatomaly

36.4264, 43.1496, 55.1240

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.0790, 52.4386, 78.5830 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(74, 209, 224)` looks like.

```
.text, #text, p{  
    color:rgb(74, 209, 224)  
}
```

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(74, 209, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 209, 224) }
```

Border

The CSS property to change the border of an element to XYZ 39.0790, 52.4386, 78.5830 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(74, 209, 224) }
```


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

```
.border{ border-color:rgb(74, 209, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 209, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 209, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 209, 224);  
box-shadow:4px 4px 4px 4px rgb(74, 209,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 39.0790, 52.4386, 78.5830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 209, 224) }
```

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

```
.background{ background-color: rgb(74, 209,  
224) }
```

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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