

Converting Colors

XYZ(39.3316, 54.6687, 78.9422)

Have a look what the booklet for
XYZ(39.3316, 54.6687, 78.9422)
contains.

XYZ(39.4423, 54.8526, 79.0298)	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(39.4423, 54.8526,
79.0298)**

Conversions

Conversions Part 1

Format	Color
Hex	39D7E0
RGB	57, 215, 224
RGB Percent	22%, 84%, 88%
CMY	0.7764, 0.1568, 0.1216
CMYK	0.75, 0.04, 0.00, 0.12
HSL	183°, 73%, 55%
HSV	183°, 75%, 88%
XYZ	39.4423, 54.8526, 79.0298
YIQ	168.7840, -97.0570, -30.6970

Conversions

Conversions Part 2

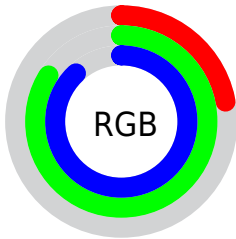
Format	Color
RYB	57, 138, 224
Decimal	3790816
CIELab	78.96, -36.35, -16.02
CIElCh	79, 39.723, 203.785
Yxy	54.8526, 0.2276, 0.3165
Android (android.graphics.Color)	4281980896 (0xFF39D7E0)
YUV	168.7840, 27.2215, -98.0346
Hunter-Lab	74.0625, -34.5486, -11.4227

Details

The XYZ color **39.4423, 54.8526, 79.0298** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light washed cyan. A complement of this color would be **33.4285, 20.0405, 5.9787**, and the grayscale version is **37.5118, 39.4654, 42.9778**.

A 20% lighter version of the original color is **63.0159, 83.4858, 107.4008**, and **19.7322, 28.0062, 41.9019** is the 20% darker color. If you saturate the color by 10%, you get **38.1298, 53.7225, 78.8819**, and if you desaturate by 10%, it is **41.3233, 56.2814, 79.2075**.

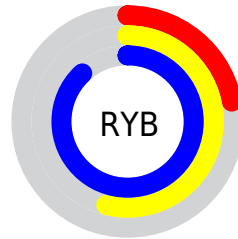
Distribution



Red (22%)

Green (84%)

Blue (88%)



Red (22%)

Yellow (54%)

Blue (88%)

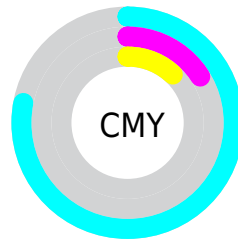


Cyan (75%)

Magenta (4%)

Yellow (0%)

Black (12%)



Cyan (78%)

Magenta (16%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.4423, 54.8526, 79.0298 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 39.4423, 54.8526, 79.0298 by changing the saturation by 10% instead.

39.4423, 54.8526,
79.0298

39.4423, 54.8526,
79.0298

334.9422,
405.3529, 511.2774

27.2863, 39.2837,
58.3988

73.6033, 97.3250,
133.7999

17.9260, 26.9805,
41.7126

96.3389, 124.9972,
168.7760

10.9963, 17.5586,
28.5524

123.3318,
157.4727, 209.3711

6.1316, 10.6335,
18.4998

154.9472,
195.1359, 256.0034

2.9667, 5.8210,
11.1363

191.5507,
238.3711, 309.0917

1.1362, 2.7365,
6.0433

233.5074,

0.0551, 0.9958,

287.5628, 369.0545

2.8022

281.1828,
343.0952, 436.3102

■ 0.0000, 0.0000,
0.9945

■ 0.0000, 0.0000,
0.0000

■ 39.4423, 54.8526,
79.0298

■ 39.4423, 54.8526,
79.0298

■ 38.1298, 53.7225,
78.8819

■ 41.3233, 56.2814,
79.2075

■ 37.3004, 52.8437,
78.7560

■ 43.8334, 58.0368,
79.4140

■ 36.9811, 52.4345,
78.6938

■ 47.0311, 60.1500,
79.6533

■ 50.9668, 62.6470,
79.9279

■ 55.6860, 65.5514,
80.2397

■ 61.2308, 68.8847,
80.5909

■ 67.6402, 72.6672,
80.9832

■ 74.9505, 76.9176,
81.4183

■ 81.8548, 80.9620,
81.8350

Harmonies

Analogous

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



38.4543, 54.8526, 55.1410



39.4423, 54.8526, 79.0298



43.6716, 54.8526, 102.1141

Triad

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



39.4423, 54.8526, 79.0298



65.3669, 54.8526, 89.2684



53.7965, 54.8526, 26.0932

Complementary

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



39.4423, 54.8526, 79.0298



33.4285, 20.0405, 5.9787

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.



61.6284, 54.8526, 31.0685



39.4423, 54.8526, 79.0298



68.7291, 54.8526, 64.5566

Square

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



39.4423, 54.8526, 79.0298



58.5005, 54.8526, 108.9928



67.2964, 54.8526, 43.8519



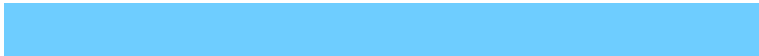
46.2502, 54.8526, 28.1225

Rectangle

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



39.4423, 54.8526, 79.0298



48.0107, 54.8526, 111.9505



67.2964, 54.8526, 43.8519



56.4906, 54.8526, 26.9511

Sweetspot

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



39.4440, 54.8546, 79.0311



76.3799, 88.9549, 107.7521



29.3086, 54.5681, 14.0439



15.9398, 18.7922, 23.0371



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.



39.4440, 54.8546, 79.0311



50.5124, 71.4318, 105.7332



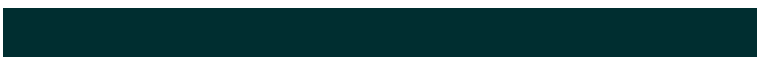
23.4152, 22.7971, 73.6882



14.0500, 15.4391, 17.6272



21.5532, 30.5759, 45.8141



1.5136, 2.1586, 3.1821

Inverse Universe

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



44.4708, 23.6813, 66.5193



57.7995, 28.5501, 87.0772



42.2043, 37.5923, 8.9040



14.2615, 13.9222, 17.1470



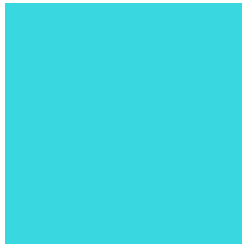
24.8192, 11.9947, 37.3095



1.7302, 0.8354, 2.6382

Previews

White Background



This preview shows how the XYZ color 39.4423, 54.8526, 79.0298 looks on a white background.

Color Contrast Check

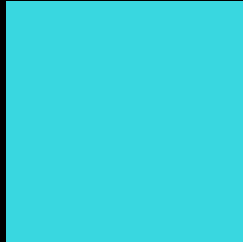
Large Text (above 18pt) WCAG AA × Fail

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 39.4423, 54.8526, 79.0298 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

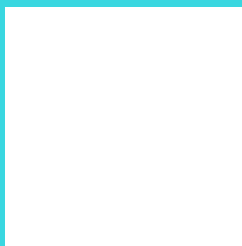
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 39.4423, 54.8526, 79.0298

Background



This preview shows how black text looks on a background with the XYZ color 39.4423, 54.8526, 79.0298.

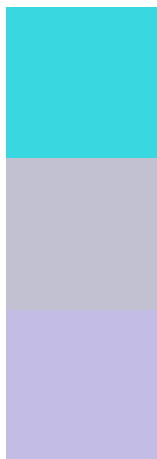


This preview shows how white text looks on a background with the XYZ color 39.4423, 54.8526,

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

39.4423, 54.8526, 79.0298

Protanopia

52.6951, 54.1305, 68.6437

Deuteranopia

54.9862, 53.7105, 82.3320



Tritanopia

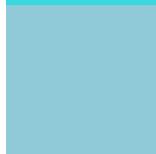
40.4570, 54.8868, 84.0632

Trichromacy



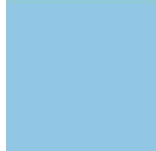
Original Color

39.4423, 54.8526, 79.0298



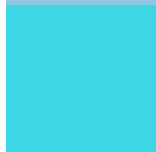
Protanomaly

44.6540, 52.6089, 72.0910



Deuteranomaly

45.8747, 52.0093, 81.0197



Tritanomaly

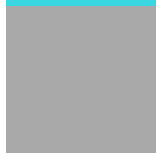
39.9136, 54.6552, 81.8446

Monochromacy



Original Color

39.4423, 54.8526, 79.0298



Achromatopsia

37.7116, 39.6755, 43.2066



Achromatomaly

35.6463, 43.3811, 54.6387

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.4423, 54.8526, 79.0298 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(57, 215, 224)` looks like.

```
.text, #text, p{  
    color:rgb(57, 215, 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(57, 215, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 215, 224) }
```

Border

The CSS property to change the border of an element to XYZ 39.4423, 54.8526, 79.0298 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(57, 215, 224) }
```


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

```
.border{ border-color:rgb(57, 215, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(57, 215, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 215, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 215, 224);  
box-shadow:4px 4px 4px 4px rgb(57, 215,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 39.4423, 54.8526, 79.0298 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 215, 224) }
```

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

```
.background{ background-color: rgb(57, 215,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor