

Converting Colors

XYZ(39.1570, 54.3974, 80.3877)

Have a look what the booklet for
XYZ(39.1570, 54.3974, 80.3877)
contains.

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Color

**XYZ(39.0894, 54.2622,
80.3649)**

Conversions

Conversions Part 1

Format	Color
Hex	32D6E2
RGB	50, 214, 226
RGB Percent	20%, 84%, 89%
CMY	0.8039, 0.1608, 0.1137
CMYK	0.78, 0.05, 0.00, 0.11
HSL	184°, 75%, 54%
HSV	184°, 78%, 89%
XYZ	39.0894, 54.2622, 80.3649
YIQ	166.3320, -101.5960, -31.0360

Conversions

Conversions Part 2

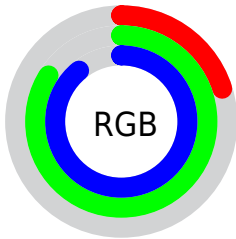
Format	Color
RYB	50, 135, 226
Decimal	3331810
CIELab	78.61, -35.99, -17.62
CIElCh	79, 40.071, 206.080
Yxy	54.2622, 0.2250, 0.3124
Android (android.graphics.Color)	4281521890 (0xFF32D6E2)
YUV	166.3320, 29.4163, -102.0232
Hunter-Lab	73.6629, -34.1886, -13.1203

Details

The XYZ color **39.0894, 54.2622, 80.3649** 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 **33.6638, 19.8460, 5.0756**, and the grayscale version is **36.3061, 38.1968, 41.5963**.

A 20% lighter version of the original color is **62.4142, 83.1756, 107.3727**, and **19.7488, 27.7365, 42.8409** is the 20% darker color. If you saturate the color by 10%, you get **37.8499, 53.0482, 80.1969**, and if you desaturate by 10%, it is **40.8853, 55.7708, 80.5625**.

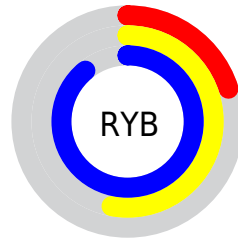
Distribution



Red (20%)

Green (84%)

Blue (89%)



Red (20%)

Yellow (53%)

Blue (89%)

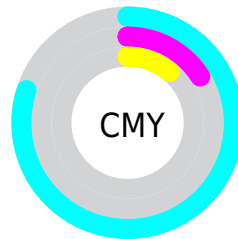


Cyan (78%)

Magenta (5%)

Yellow (0%)

Black (11%)



Cyan (80%)

Magenta (16%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.0894, 54.2622, 80.3649 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 39.0894, 54.2622, 80.3649 by changing the saturation by 10% instead.

39.0894, 54.2622,
80.3649

39.0894, 54.2622,
80.3649

333.4711,
403.1091, 515.9009

27.0103, 38.8113,
59.4907

73.0681, 96.4591,
135.6947

17.7176, 26.6130,
42.5857

95.6984, 123.9740,
170.9874

10.8459, 17.2828,
29.2312

122.5764,
156.2789, 211.9233

6.0298, 10.4363,
19.0087

154.0677,
193.7583, 258.9211

2.9041, 5.6892,
11.4997

190.5374,
236.7967, 312.3992

1.1032, 2.6570,
6.2856

232.3509,

0.0278, 0.9554,

285.7783, 372.7761

2.9479

279.8737,
341.0877, 440.4705

■ 0.0000, 0.0000,
1.0681

■ 0.0000, 0.0000,
0.0000

■ 39.0894, 54.2622,
80.3649

■ 39.0894, 54.2622,
80.3649

■ 37.8499, 53.0482,
80.1969

■ 40.8853, 55.7708,
80.5625


■ 37.0627, 52.0716,
80.0499


■ 43.3040, 57.6048,
80.7890


■ 36.9210, 51.8777,
80.0199


■ 46.4076, 59.7975,
81.0486


■ 50.2498, 62.3764,
81.3439

 54.8785, 65.3663,
81.6770

 60.3379, 68.7900,
82.0501

 66.6688, 72.6685,
82.4651

 73.9092, 77.0214,
82.9237

 82.0949, 81.8673,
83.4276

Harmonies

Analogous

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



37.8456, 54.2622, 56.1555



39.0894, 54.2622, 80.3649



43.5476, 54.2622, 103.0773

Triad

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



39.0894, 54.2622, 80.3649



65.2467, 54.2622, 86.8616



52.6209, 54.2622, 25.4202

Complementary

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



39.0894, 54.2622, 80.3649



33.6638, 19.8460, 5.0756

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.



60.5319, 54.2622, 29.8167



39.0894, 54.2622, 80.3649



68.2772, 54.2622, 62.1091

Square

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



39.0894, 54.2622, 80.3649



58.5510, 54.2622, 107.4514



66.4699, 54.2622, 41.9339



45.1756, 54.2622, 27.9695

Rectangle

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



39.0894, 54.2622, 80.3649



48.0031, 54.2622, 112.2203



66.4699, 54.2622, 41.9339



55.3190, 54.2622, 26.0968

Sweetspot

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



39.0911, 54.2642, 80.3662



75.4037, 87.9980, 107.6189



29.3754, 55.4170, 13.6694



15.5991, 18.4944, 22.9976



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.



39.0911, 54.2642, 80.3662



49.1139, 68.9817, 105.3340



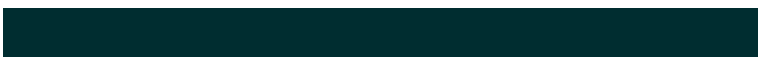
22.5399, 21.1618, 74.8491



14.0324, 15.4039, 17.6214



21.0988, 29.6671, 45.6627



1.4868, 2.1051, 3.1732

Inverse Universe

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



44.6437, 23.3066, 65.7660



57.0090, 27.9098, 83.9135



42.8054, 38.1293, 8.1228



14.2526, 13.9187, 17.1002



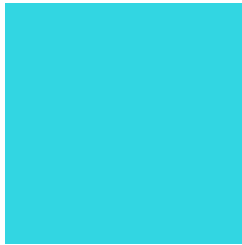
24.5899, 11.9030, 36.1017



1.7167, 0.8300, 2.5672

Previews

White Background



This preview shows how the XYZ color 39.0894, 54.2622, 80.3649 looks on a white background.

Color Contrast Check

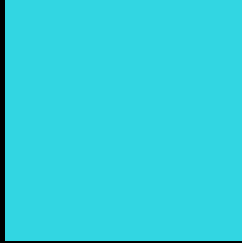
Large Text (above 18pt) WCAG AA × Fail

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 39.0894, 54.2622, 80.3649 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

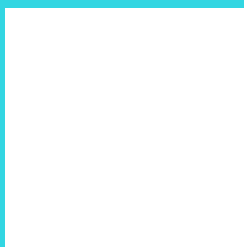
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 39.0894, 54.2622, 80.3649

Background



This preview shows how black text looks on a background with the XYZ color 39.0894, 54.2622, 80.3649.



This preview shows how white text looks on a background with the XYZ color 39.0894, 54.2622,

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

39.0894, 54.2622, 80.3649

Protanopia

52.2192, 53.5291, 69.8673

Deuteranopia

54.7554, 53.5588, 83.7959



Tritanopia

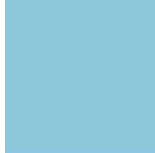
39.7394, 54.1423, 83.9573

Trichromacy



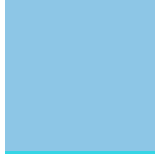
Original Color

39.0894, 54.2622, 80.3649



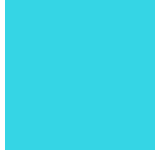
Protanomaly

43.9939, 51.8938, 73.3434



Deuteranomaly

45.4615, 51.7641, 82.4583



Tritanomaly

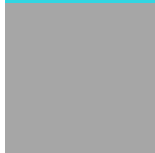
39.4053, 54.0025, 82.4754

Monochromacy



Original Color

39.0894, 54.2622, 80.3649



Achromatopsia

36.2450, 38.1326, 41.5264



Achromatomaly

34.3228, 41.7829, 53.8329

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.0894, 54.2622, 80.3649 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(50, 214, 226)` looks like.

```
.text, #text, p{  
    color:rgb(50, 214, 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(50, 214, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(50, 214, 226) }
```

Border

The CSS property to change the border of an element to XYZ 39.0894, 54.2622, 80.3649 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(50, 214, 226) }
```


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

```
.border{ border-color:rgb(50, 214, 226) }
```

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

Here you see how a box with a 4 pixel rgb(50, 214, 226) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(50, 214, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(50, 214, 226);  
box-shadow:4px 4px 4px 4px rgb(50, 214,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 39.0894, 54.2622, 80.3649 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(50, 214, 226) }
```

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

```
.background{ background-color: rgb(50, 214,  
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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