

Converting Colors

XYZ(39.4895, 60.5631, 54.6722)

Have a look what the booklet for
XYZ(39.4895, 60.5631, 54.6722)
contains.

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Color

**XYZ(39.4325, 60.5254,
54.4040)**

Conversions

Conversions Part 1

Format	Color
Hex	4EE4B7
RGB	78, 228, 183
RGB Percent	31%, 89%, 72%
CMY	0.6941, 0.1059, 0.2823
CMYK	0.66, 0.00, 0.20, 0.11
HSL	162°, 74%, 60%
HSV	162°, 66%, 89%
XYZ	39.4325, 60.5254, 54.4040
YIQ	178.0200, -74.9550, -45.7950

Conversions

Conversions Part 2

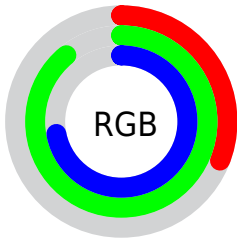
Format	Color
RYB	78, 166, 228
Decimal	5170359
CIELab	82.12, -50.03, 10.47
CIELCh	82, 51.114, 168.176
Yxy	60.5254, 0.2555, 0.3921
Android (android.graphics.Color)	4283360439 (0xFF4EE4B7)
YUV	178.0200, 2.4551, -87.7175
Hunter-Lab	77.7981, -45.6726, 12.9973

Details

The XYZ color **39.4325, 60.5254, 54.4040** is a light color, and the websafe version is hex **33CC99**. The color can be described as light muted spring green. A complement of this color would be **38.2964, 23.3743, 21.2343**, and the grayscale version is **42.3449, 44.5501, 48.5151**.

A 20% lighter version of the original color is **62.4953, 83.5028, 94.4852**, and **18.7818, 31.1168, 26.1353** is the 20% darker color. If you saturate the color by 10%, you get **37.1837, 59.4479, 50.6729**, and if you desaturate by 10%, it is **42.3665, 61.9552, 58.3505**.

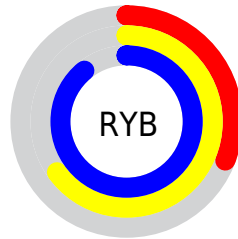
Distribution



Red (31%)

Green (89%)

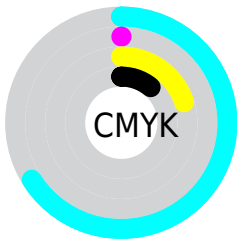
Blue (72%)



Red (31%)

Yellow (65%)

Blue (89%)

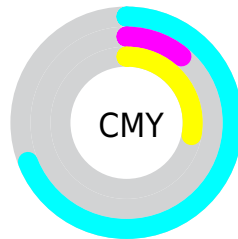


Cyan (66%)

Magenta (0%)

Yellow (20%)

Black (11%)



Cyan (69%)


Magenta (11%)


Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.4325, 60.5254, 54.4040 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 39.4325, 60.5254, 54.4040 by changing the saturation by 10% instead.


 39.4325, 60.5254,
54.4040


 39.4325, 60.5254,
54.4040


334.9014,
426.5317, 420.8668


 27.2786, 43.8423,
38.5294


 73.5884, 105.5915,
98.1295


 17.9202, 30.5465,
26.0888


 96.3211, 134.7432,
126.8175

 10.9921, 20.2538,
16.6637


 123.3108,
168.8198, 160.6138

 6.1288, 12.5797,
9.8356

 154.9228,
208.2059, 199.9367

 2.9649, 7.1397,
5.1859

191.5226,
253.2857, 245.2050

 1.1352, 3.5496,
2.2961

233.4753,

 0.0543, 1.4250,

304.4437, 296.8370

0.7290

281.1465,
362.0642, 355.2515

■ 0.0000, 0.2350,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 39.4325, 60.5254,
54.4040

■ 39.4325, 60.5254,
54.4040

■ 37.1837, 59.4479,
50.6729

■ 42.3665, 61.9552,
58.3505

■ 35.5444, 58.6791,
47.1471


■ 46.0415, 63.7613,
62.5135


■ 34.4291, 58.1766,
43.8214


■ 50.5128, 65.9740,
66.8993


■ 34.0546, 58.0130,
42.4770


■ 55.8292, 68.6181,
71.5127

 62.0353, 71.7166,
76.3580

 69.1727, 75.2910,
81.4395

 77.2802, 79.3612,
86.7613

 84.3768, 82.9058,
92.2329

 85.3997, 83.3150,
97.6195

Harmonies

Analogous

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



43.3426, 60.5254, 33.5551



39.4325, 60.5254, 54.4040



39.8993, 60.5254, 86.3460

Triad

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



39.4325, 60.5254, 54.4040



64.2820, 60.5254, 140.5055



72.5872, 60.5254, 30.6586

Complementary

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



39.4325, 60.5254, 54.4040



38.2964, 23.3743, 21.2343

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.



79.7067, 60.5254, 48.9699



39.4325, 60.5254, 54.4040



74.5121, 60.5254, 114.2996

Square

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



39.4325, 60.5254, 54.4040



53.3587, 60.5254, 143.3622



80.4523, 60.5254, 78.9153



61.9081, 60.5254, 23.0212

Rectangle

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



39.4325, 60.5254, 54.4040



42.6397, 60.5254, 110.1455



80.4523, 60.5254, 78.9153



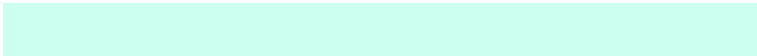
75.5309, 60.5254, 35.4473

Sweetspot

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



39.4342, 60.5278, 54.4054



76.3454, 90.6308, 95.6737



37.6511, 60.4371, 16.8897



15.8623, 19.1597, 20.1014



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.



39.4342, 60.5278, 54.4054



47.0581, 76.2122, 63.6007



37.9176, 48.7639, 80.8155



14.6136, 16.2589, 17.4959



19.7184, 33.5195, 24.8150



1.4977, 2.4932, 2.0474

Inverse Universe

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



38.2964, 23.3743, 21.2343



45.5749, 25.0713, 18.3532



38.4746, 27.2510, 10.4408



14.5541, 14.4388, 15.8521



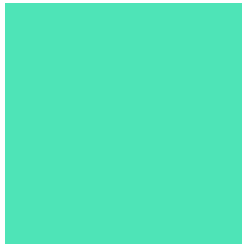
19.1304, 9.7864, 4.3159



1.4536, 0.7392, 0.5293

Previews

White Background



This preview shows how the XYZ color 39.4325, 60.5254, 54.4040 looks on a white background.

Color Contrast Check

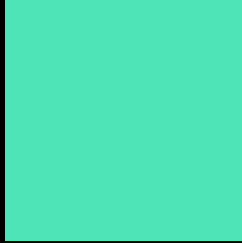
Large Text (above 18pt) WCAG AA × Fail

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 39.4325, 60.5254, 54.4040 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

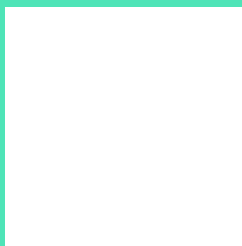
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 39.4325, 60.5254, 54.4040

Background



This preview shows how black text looks on a background with the XYZ color 39.4325, 60.5254, 54.4040.



This preview shows how white text looks on a background with the XYZ color 39.4325, 60.5254,

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

39.4325, 60.5254, 54.4040

Protanopia

56.1078, 59.4395, 46.5460

Deuteranopia

60.7127, 59.5285, 57.0054



Tritanopia

46.3926, 60.1261, 90.0493

Trichromacy



Original Color

39.4325, 60.5254, 54.4040



Protanomaly

46.5492, 57.6830, 49.2380



Deuteranomaly

48.7591, 57.5838, 55.5586



Tritanomaly

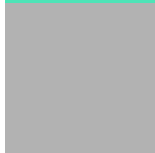
43.5568, 60.1645, 75.6469

Monochromacy



Original Color

39.4325, 60.5254, 54.4040



Achromatopsia

42.3164, 44.5201, 48.4824



Achromatomaly

39.1335, 48.5259, 50.4839

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.4325, 60.5254, 54.4040 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(78, 228, 183)` looks like.

```
.text, #text, p{  
    color:rgb(78, 228, 183)  
}
```

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(78, 228, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 228, 183) }
```

Border

The CSS property to change the border of an element to XYZ 39.4325, 60.5254, 54.4040 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(78, 228, 183) }
```


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

```
.border{ border-color:rgb(78, 228, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(78, 228, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 228, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 228, 183);  
box-shadow:4px 4px 4px 4px rgb(78, 228,  
183) }
```

Background

The CSS property to change the background color of an element to XYZ 39.4325, 60.5254, 54.4040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 228, 183) }
```

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

```
.background{ background-color: rgb(78, 228,  
183) }
```

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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