

Converting Colors

XYZ(39.4812, 53.2458, 11.4029)

Have a look what the booklet for
XYZ(39.4812, 53.2458, 11.4029)
contains.

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Color

**XYZ(39.5102, 53.4196,
11.4774)**

Conversions

Conversions Part 1

Format	Color
Hex	AACF34
RGB	170, 207, 52
RGB Percent	67%, 81%, 20%
CMY	0.3333, 0.1882, 0.7961
CMYK	0.18, 0.00, 0.75, 0.19
HSL	74°, 62%, 51%
HSV	74°, 75%, 81%
XYZ	39.5102, 53.4196, 11.4774
YIQ	178.2670, 27.7030, -56.0490

Conversions

Conversions Part 2

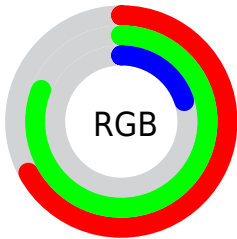
Format	Color
RYB	52, 207, 89
Decimal	11194164
CIELab	78.12, -32.54, 67.80
CIELCh	78, 75.207, 115.637
Yxy	53.4196, 0.3784, 0.5116
Android (android.graphics.Color)	4289384244 (0xFFAACF34)
YUV	178.2670, -62.2496, -7.2502
Hunter-Lab	73.0887, -31.4120, 41.8516

Details

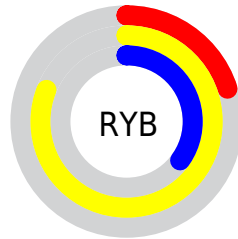
The XYZ color **39.5102, 53.4196, 11.4774** is a dark color, and the websafe version is hex **99CC33**. The color can be described as middle muted chartreuse. A complement of this color would be **16.6123, 9.0862, 59.9129**, and the grayscale version is **42.7691, 44.9965, 49.0011**.

A 20% lighter version of the original color is **70.5694, 89.1398, 28.2381**, and **18.2013, 26.2932, 4.1158** is the 20% darker color. If you saturate the color by 10%, you get **38.0944, 52.7341, 9.4884**, and if you desaturate by 10%, it is **41.1730, 54.2124, 14.5464**.

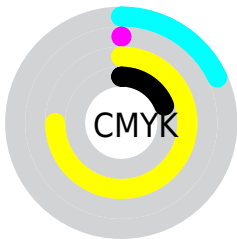
Distribution



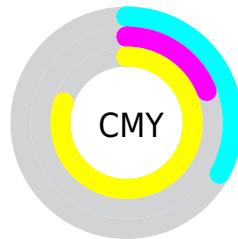
- Red (67%)
- Green (81%)
- Blue (20%)



- Red (20%)
- Yellow (81%)
- Blue (35%)



- Cyan (18%)
- Magenta (0%)
- Yellow (75%)
- Black (19%)





- Cyan (33%)
- Magenta (19%)
- Yellow (80%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.5102, 53.4196, 11.4774 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 39.5102, 53.4196, 11.4774 by changing the saturation by 10% instead.


 39.5102, 53.4196,
11.4774


 39.5102, 53.4196,
11.4774


335.2247,
399.8929, 211.7678

 27.3394, 38.1378,
6.2707


 73.7062, 95.2215,
29.1897


 17.9662, 26.0897,
2.9389

 96.4620, 122.5105,
42.5323


 11.0252, 16.8907,
1.0635


 123.4769,
154.5706, 59.4241

 6.1512, 10.1566,
0.0000

 155.1163,
191.7863, 80.2834

 2.9788, 5.5029,
0.0000

 191.7453,
234.5420, 105.5289

 1.1426, 2.5453,
0.0000

233.7295,

 0.0603, 0.8992,

283.2221, 135.5791

0.0000

281.4342,
338.2109, 170.8526

■ 0.0000, 0.0000,
0.0000

■ 39.5102, 53.4196,
11.4774

■ 39.5102, 53.4196,
11.4774

■ 38.0944, 52.7341,
9.4884

■ 41.1730, 54.2124,
14.5464

■ 36.8924, 52.1367,
8.4237

■ 43.1032, 55.1149,
18.8172

■ 36.3327, 51.8549,
8.0941

■ 45.3230, 56.1380,
24.3986

■ 47.8510, 57.2892,
31.3868

■ 50.7041, 58.5753,
39.8685

■ 53.8979, 60.0025,
49.9237

■ 57.4468, 61.5767,
61.6267

■ 61.3646, 63.3033,
75.0469

■ 65.6639, 65.1877,
90.2499

Harmonies

Analogous

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



52.9521, 53.4196, 9.0526



39.5102, 53.4196, 11.4774



30.8498, 53.4196, 23.4192

Triad

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



39.5102, 53.4196, 11.4774



36.4455, 53.4196, 153.7141



84.4534, 53.4196, 64.5359

Complementary

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



39.5102, 53.4196, 11.4774



16.6123, 9.0862, 59.9129

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.



77.8313, 53.4196, 116.7897



39.5102, 53.4196, 11.4774



48.6559, 53.4196, 181.7982

Square

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



39.5102, 53.4196, 11.4774



29.3344, 53.4196, 100.6390



63.9971, 53.4196, 165.7752



80.7221, 53.4196, 29.7226

Rectangle

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



39.5102, 53.4196, 11.4774



28.0378, 53.4196, 40.3226



63.9971, 53.4196, 165.7752



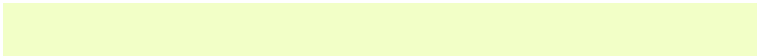
83.3343, 53.4196, 80.6194

Sweetspot

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



39.5114, 53.4220, 11.4785



82.5402, 94.4465, 67.8517



29.8574, 20.5219, 5.6370



17.3786, 20.0862, 13.6333



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.



39.5114, 53.4220, 11.4785



59.8159, 83.9003, 13.9900



27.4826, 47.2209, 10.9156



12.5161, 13.6495, 12.5870



22.9781, 32.7146, 5.1035



1.3529, 1.8643, 0.2885

Inverse Universe

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



16.6123, 9.0862, 59.9129



21.7414, 9.6551, 95.3255



28.1485, 15.0333, 60.4528



11.4242, 11.5520, 14.8713



7.9780, 3.2931, 37.4076



0.5187, 0.2216, 2.0950

Previews

White Background



This preview shows how the XYZ color 39.5102, 53.4196, 11.4774 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 39.5102, 53.4196, 11.4774 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 39.5102, 53.4196, 11.4774

Background



This preview shows how black text looks on a background with the XYZ color 39.5102, 53.4196, 11.4774.



This preview shows how white text looks on a background with the XYZ color 39.5102, 53.4196,

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

39.5102, 53.4196, 11.4774

Protanopia

47.9224, 52.9523, 10.4913

Deuteranopia

54.0786, 52.9155, 11.9209



Tritanopia

50.7048, 53.1331, 67.2578

Trichromacy



Original Color

39.5102, 53.4196, 11.4774

Protanomaly

44.3016, 52.7520, 10.7529

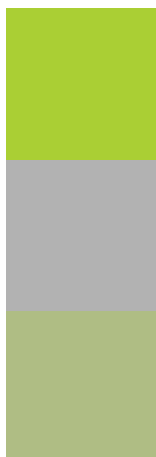
Deuteranomaly

47.6377, 52.4518, 11.6164

Tritanomaly

44.6024, 52.3258, 37.0273

Monochromacy



Original Color

39.5102, 53.4196, 11.4774

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

40.0416, 47.1751, 28.8251

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.5102, 53.4196, 11.4774 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(170, 207, 52)` looks like.

```
.text, #text, p{  
    color:rgb(170, 207, 52)  
}
```

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(170, 207, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 207, 52) }
```

Border

The CSS property to change the border of an element to XYZ 39.5102, 53.4196, 11.4774 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(170, 207, 52) }
```


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

```
.border{ border-color:rgb(170, 207, 52) }
```

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

Here you see how a box with a 4 pixel rgb(170, 207, 52) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 207, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 207, 52);  
box-shadow:4px 4px 4px 4px rgb(170, 207,  
52) }
```

Background

The CSS property to change the background color of an element to XYZ 39.5102, 53.4196, 11.4774 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 207, 52) }
```

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

```
.background{ background-color: rgb(170,  
207, 52) }
```

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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