

Converting Colors

XYZ(39.2952, 52.3651, 17.2111)

Have a look what the booklet for
XYZ(39.2952, 52.3651, 17.2111)
contains.

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Color

**XYZ(39.3187, 52.4742,
17.2887)**

Conversions

Conversions Part 1

Format	Color
Hex	A6CD58
RGB	166, 205, 88
RGB Percent	65%, 80%, 35%
CMY	0.3490, 0.1961, 0.6549
CMYK	0.19, 0.00, 0.57, 0.20
HSL	80°, 54%, 57%
HSV	80°, 57%, 80%
XYZ	39.3187, 52.4742, 17.2887
YIQ	180.0010, 14.3130, -44.6550

Conversions

Conversions Part 2

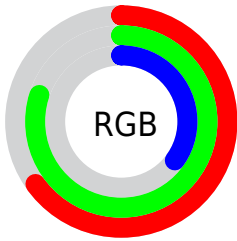
Format	Color
RYB	88, 205, 127
Decimal	10931544
CIELab	77.56, -30.74, 53.02
CIELCh	78, 61.281, 120.103
Yxy	52.4742, 0.3605, 0.4811
Android (android.graphics.Color)	4289121624 (0xFFA6CD58)
YUV	180.0010, -45.3565, -12.2789
Hunter-Lab	72.4391, -29.8816, 36.5569

Details

The XYZ color **39.3187, 52.4742, 17.2887** is a light color, and the websafe version is hex **99CC66**. The color can be described as light muted chartreuse. A complement of this color would be **23.2635, 15.9006, 59.6036**, and the grayscale version is **43.6147, 45.8860, 49.9699**.

A 20% lighter version of the original color is **70.9991, 89.1311, 38.6613**, and **17.9109, 25.6282, 5.5161** is the 20% darker color. If you saturate the color by 10%, you get **37.1917, 51.4641, 13.3630**, and if you desaturate by 10%, it is **41.7631, 53.6237, 22.4776**.

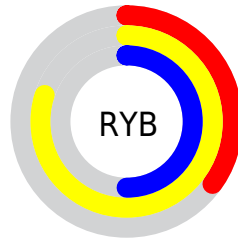
Distribution



Red (65%)

Green (80%)

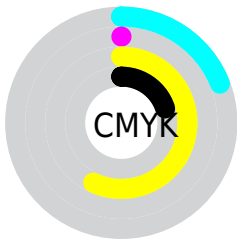
Blue (35%)



Red (35%)

Yellow (80%)

Blue (50%)

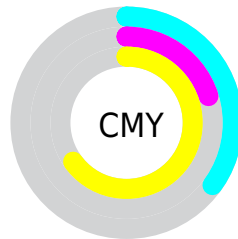


Cyan (19%)

Magenta (0%)

Yellow (57%)

Black (20%)



Cyan (35%)

Magenta (20%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.3187, 52.4742, 17.2887 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 39.3187, 52.4742, 17.2887 by changing the saturation by 10% instead.

■ 39.3187, 52.4742,
17.2887

■ 39.3187, 52.4742,
17.2887

334.4274,
396.2646, 248.9306

■ 27.1896, 37.3832,
10.2764

■ 73.4159, 93.8302,
39.6189

■ 17.8530, 25.5043,
5.4746

■ 96.1147, 120.8640,
55.7739

■ 10.9435, 16.4532,
2.4648

■ 123.0674,
152.6475, 75.8136

■ 6.0959, 9.8454,
0.8214

■ 154.6394,
189.5651, 100.1565

■ 2.9447, 5.2966,
0.0000

191.1961,
232.0012, 129.2210

■ 1.1246, 2.4223,
0.0000

233.1027,

■ 0.0455, 0.8373,

280.3402, 163.4259

0.0000

280.7247,
334.9666, 203.1896

■ 0.0000, 0.0000,
0.0000

■ 39.3187, 52.4742,
17.2887

■ 39.3187, 52.4742,
17.2887

■ 37.1917, 51.4641,
13.3630

■ 41.7631, 53.6237,
22.4776

■ 35.3567, 50.5776,
10.5885

■ 44.5405, 54.9135,
29.0222

■ 33.7895, 49.8068,
8.8397

■ 47.6697, 56.3532,
37.0102

■ 32.4567, 49.1381,
7.9463

■ 51.1669, 57.9492,
46.5213

■ 32.0938, 48.9548,
7.7577

■ 55.0472, 59.7077,
57.6288

■ 59.3247, 61.6345,
70.4019

■ 64.0127, 63.7351,
84.9052

■ 69.1238, 66.0146,
101.2001

■ 71.7215, 67.2985,
103.8175

Harmonies

Analogous

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



49.8342, 52.4742, 13.6248



39.3187, 52.4742, 17.2887



32.6472, 52.4742, 30.4375

Triad

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



39.3187, 52.4742, 17.2887



39.3793, 52.4742, 134.2159



76.2409, 52.4742, 57.0183

Complementary

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



39.3187, 52.4742, 17.2887



23.2635, 15.9006, 59.6036

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.



72.2961, 52.4742, 96.1243



39.3187, 52.4742, 17.2887



49.9161, 52.4742, 150.1176

Square

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



39.3187, 52.4742, 17.2887



32.6781, 52.4742, 96.4120



62.1698, 52.4742, 134.0087



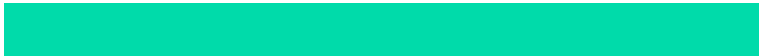
72.2436, 52.4742, 30.3042

Rectangle

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



39.3187, 52.4742, 17.2887



30.6629, 52.4742, 46.6589



62.1698, 52.4742, 134.0087



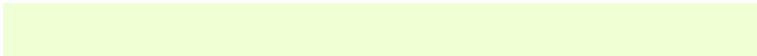
75.7929, 52.4742, 69.0735

Sweetspot

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



39.3200, 52.4765, 17.2898



83.7212, 94.8772, 75.9567



34.5296, 28.8641, 12.9846



17.6600, 20.1894, 15.5365



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.



39.3200, 52.4765, 17.2898



60.3446, 84.0197, 20.9400



29.7181, 47.5266, 16.8405



11.7764, 12.9021, 11.9491



20.0829, 30.5284, 4.8341



1.1144, 1.6153, 0.2531

Inverse Universe

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



23.2635, 15.9006, 59.6036



31.7526, 18.7184, 96.5472



34.6395, 21.7651, 60.1360



10.9483, 11.0226, 14.1209



8.4496, 3.5635, 36.1987



0.5162, 0.2252, 1.8712

Previews

White Background



This preview shows how the XYZ color 39.3187, 52.4742, 17.2887 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 39.3187, 52.4742, 17.2887 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 39.3187, 52.4742, 17.2887

Background



This preview shows how black text looks on a background with the XYZ color 39.3187, 52.4742, 17.2887.



This preview shows how white text looks on a background with the XYZ color 39.3187, 52.4742,

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

39.3187, 52.4742, 17.2887

Protanopia

47.3824, 51.8987, 15.9076

Deuteranopia

53.0093, 51.9262, 17.8185



Tritanopia

49.5112, 52.5178, 67.2019

Trichromacy



Original Color

39.3187, 52.4742, 17.2887

Protanomaly

43.8853, 51.7378, 16.2677

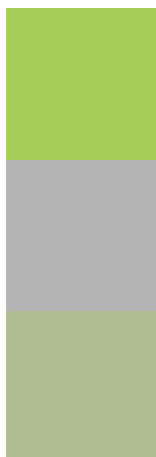
Deuteranomaly

46.9236, 51.3013, 17.5542

Tritanomaly

44.5716, 51.8429, 42.7795

Monochromacy



Original Color

39.3187, 52.4742, 17.2887

Achromatopsia

43.3819, 45.6411, 49.7032

Achromatomaly

41.1433, 47.6157, 34.6260

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.3187, 52.4742, 17.2887 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(166, 205, 88)` looks like.

```
.text, #text, p{  
    color:rgb(166, 205, 88)  
}
```

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(166, 205, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 205, 88) }
```

Border

The CSS property to change the border of an element to XYZ 39.3187, 52.4742, 17.2887 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(166, 205, 88) }
```


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

```
.border{ border-color:rgb(166, 205, 88) }
```

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

Here you see how a box with a 4 pixel rgb(166, 205, 88) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 205, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 205, 88);  
box-shadow:4px 4px 4px 4px rgb(166, 205,  
88) }
```

Background

The CSS property to change the background color of an element to XYZ 39.3187, 52.4742, 17.2887 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 205, 88) }
```

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

```
.background{ background-color: rgb(166,  
205, 88) }
```

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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