

Converting Colors

XYZ(35.2079, 48.3444, 13.1060)

Have a look what the booklet for
XYZ(35.2079, 48.3444, 13.1060)
contains.

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Color

**XYZ(35.2079, 48.3444,
13.1060)**

Conversions

Conversions Part 1

Format	Color
Hex	9CC745
RGB	156, 199, 69
RGB Percent	61%, 78%, 27%
CMY	0.3882, 0.2196, 0.7294
CMYK	0.22, 0.00, 0.65, 0.22
HSL	80°, 54%, 53%
HSV	80°, 65%, 78%
XYZ	35.2079, 48.3444, 13.1060
YIQ	171.3230, 16.1020, -49.5460

Conversions

Conversions Part 2

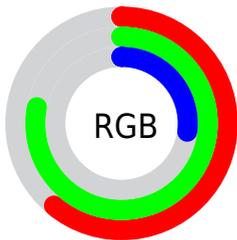
Format	Color
RYB	69, 199, 112
Decimal	10274629
CIELab	75.04, -33.33, 58.22
CIElCh	75, 67.085, 119.791
Yxy	48.3444, 0.3643, 0.5002
Android (android.graphics.Color)	4288464709 (0xFF9CC745)
YUV	171.3230, -50.4452, -13.4383
Hunter-Lab	69.5301, -31.2909, 37.4953

Details

The XYZ color **35.2079, 48.3444, 13.1060** 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 **19.1210, 11.8258, 55.3104**, and the grayscale version is **39.1126, 41.1495, 44.8118**.

A 20% lighter version of the original color is **66.7757, 87.0962, 32.0307**, and **15.4922, 23.0175, 3.6263** is the 20% darker color. If you saturate the color by 10%, you get **33.4516, 47.5004, 10.3226**, and if you desaturate by 10%, it is **37.2426, 49.3112, 16.9854**.

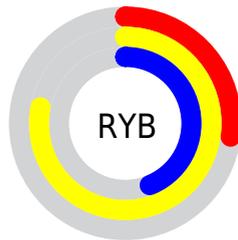
Distribution



Red (61%)

Green (78%)

Blue (27%)



Red (27%)

Yellow (78%)

Blue (44%)

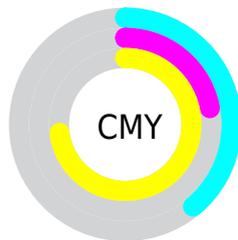


Cyan (22%)

Magenta (0%)

Yellow (65%)

Black (22%)



Cyan (39%)

Magenta (22%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.2079, 48.3444, 13.1060 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 35.2079, 48.3444, 13.1060 by changing the saturation by 10% instead.

■ 35.2079, 48.3444,
13.1060

■ 35.2079, 48.3444,
13.1060

316.9770,
380.1556, 222.8275

■ 23.9903, 34.0997,
7.3700

■ 67.1396, 87.7170,
32.1881

■ 15.4511, 22.9702,
3.6126

■ 88.5845, 113.6136,
46.3712

■ 9.2250, 14.5715,
1.4153

■ 114.1691,
144.1630, 64.2071

■ 4.9465, 8.5192,
0.1536

■ 144.2590,
179.7496, 86.1144

■ 2.2503, 4.4289,
0.0000

■ 179.2193,
220.7578, 112.5115

■ 0.7691, 1.9163,
0.0000

219.4155,

■ 0.0000, 0.5581,

267.5719, 143.8170

0.0000

265.2130,
320.5764, 180.4495

■ 0.0000, 0.0000,
0.0000

■ 35.2079, 48.3444,
13.1060

■ 35.2079, 48.3444,
13.1060

■ 33.4516, 47.5004,
10.3226

■ 37.2426, 49.3112,
16.9854

■ 31.9476, 46.7634,
8.5181

■ 39.5722, 50.4023,
22.0560

■ 30.6695, 46.1245,
7.5536

■ 42.2152, 51.6270,
28.4065

■ 30.1246, 45.8496,
7.2621

■ 45.1879, 52.9919,
36.1160

■ 48.5050, 54.5030,
45.2574

■ 52.1803, 56.1660,
55.8983

■ 56.2268, 57.9861,
68.1020

■ 60.6568, 59.9684,
81.9283

■ 65.4819, 62.1177,
97.4338

Harmonies

Analogous

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



46.0359, 48.3444, 9.8836



35.2079, 48.3444, 13.1060



28.4451, 48.3444, 25.4597

Triad

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



35.2079, 48.3444, 13.1060



35.0834, 48.3444, 135.1572



73.7734, 48.3444, 52.8854

Complementary

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



35.2079, 48.3444, 13.1060



19.1210, 11.8258, 55.3104

Split Complementary

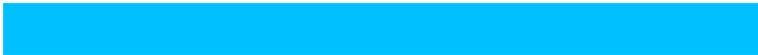
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



69.4721, 48.3444, 94.4225



35.2079, 48.3444, 13.1060



45.8640, 48.3444, 153.0810

Square

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



35.2079, 48.3444, 13.1060



28.3827, 48.3444, 93.7945



58.6808, 48.3444, 135.6193



69.5853, 48.3444, 25.7233

Rectangle

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



35.2079, 48.3444, 13.1060



26.4406, 48.3444, 41.5602



58.6808, 48.3444, 135.6193



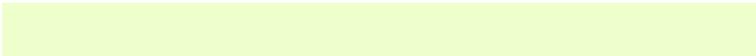
73.2633, 48.3444, 65.5297

Sweetspot

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



35.2090, 48.3466, 13.1070



81.9623, 94.0791, 70.9660



30.2231, 23.7613, 8.6244



17.1940, 19.9775, 14.2347



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.



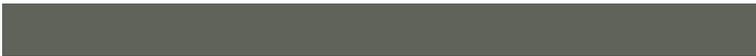
35.2090, 48.3466, 13.1070



57.5129, 82.6513, 16.6763



25.9966, 43.5973, 12.6759



11.1698, 12.2345, 11.3355



19.4656, 29.5302, 4.6740



0.9959, 1.4365, 0.2248

Inverse Universe

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



19.1210, 11.8258, 55.3104



27.4805, 14.1881, 95.8979



30.1554, 17.5143, 55.8268



10.3817, 10.4550, 13.3883



8.1494, 3.4354, 34.9779



0.4628, 0.2023, 1.6598

Previews

White Background



This preview shows how the XYZ color 35.2079, 48.3444, 13.1060 looks on a white background.

Color Contrast Check

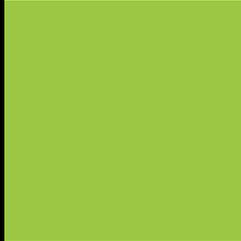
Large Text (above 18pt) WCAG AA × Fail

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 35.2079, 48.3444, 13.1060 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 35.2079, 48.3444, 13.1060

Background



This preview shows how black text looks on a background with the XYZ color 35.2079, 48.3444, 13.1060.



This preview shows how white text looks on a background with the XYZ color 35.2079, 48.3444,

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

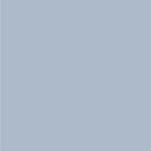
35.2079, 48.3444, 13.1060

Protanopia

43.7567, 48.2014, 11.9986

Deuteranopia

48.9826, 47.8538, 13.6762



Tritanopia

45.1148, 48.1055, 62.1658

Trichromacy



Original Color

35.2079, 48.3444, 13.1060

Protanomaly

40.1359, 47.9116, 12.2867

Deuteranomaly

42.7336, 47.3319, 13.3622

Tritanomaly

40.1065, 47.6685, 37.2241

Monochromacy



Original Color

35.2079, 48.3444, 13.1060

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

36.5528, 42.8760, 28.9036

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.2079, 48.3444, 13.1060 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(156, 199, 69)` looks like.

```
.text, #text, p{  
    color:rgb(156, 199, 69)  
}
```

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(156, 199, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 199, 69) }
```

Border

The CSS property to change the border of an element to XYZ 35.2079, 48.3444, 13.1060 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(156, 199, 69) }
```

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

```
.border{ border-color:rgb(156, 199, 69) }
```

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

Here you see how a box with a 4 pixel rgb(156, 199, 69) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 199, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 199, 69);  
box-shadow:4px 4px 4px 4px rgb(156, 199,  
69) }
```

Background

The CSS property to change the background color of an element to XYZ 35.2079, 48.3444, 13.1060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 199, 69) }
```

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

```
.background{ background-color: rgb(156,  
199, 69) }
```

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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