

Converting Colors

XYZ(35.1272, 49.1942, 11.1822)

Have a look what the booklet for
XYZ(35.1272, 49.1942, 11.1822)
contains.

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Color

**XYZ(35.0701, 49.0082,
11.1012)**

Conversions

Conversions Part 1

Format	Color
Hex	9BC936
RGB	155, 201, 54
RGB Percent	61%, 79%, 21%
CMY	0.3922, 0.2117, 0.7882
CMYK	0.23, 0.00, 0.73, 0.21
HSL	79°, 58%, 50%
HSV	79°, 73%, 79%
XYZ	35.0701, 49.0082, 11.1012
YIQ	170.4880, 19.7710, -55.4690

Conversions

Conversions Part 2

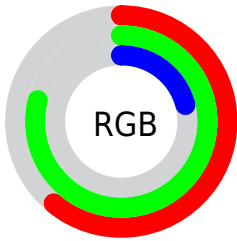
Format	Color
RYB	54, 201, 100
Decimal	10209590
CIELab	75.46, -35.59, 64.25
CIELCh	75, 73.448, 118.981
Yxy	49.0082, 0.3685, 0.5149
Android (android.graphics.Color)	4288399670 (0xFF9BC936)
YUV	170.4880, -57.4286, -13.5830
Hunter-Lab	70.0059, -33.0890, 39.6022

Details

The XYZ color **35.0701, 49.0082, 11.1012** 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 **17.1193, 9.5661, 56.2053**, and the grayscale version is **38.7249, 40.7416, 44.3676**.

A 20% lighter version of the original color is **66.0150, 86.7919, 28.0250**, and **15.5793, 23.5201, 3.7187** is the 20% darker color. If you saturate the color by 10%, you get **33.5165, 48.2526, 9.0534**, and if you desaturate by 10%, it is **36.8839, 49.8786, 14.1809**.

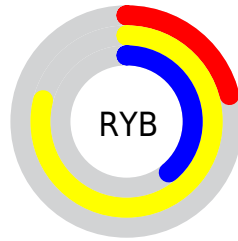
Distribution



Red (61%)

Green (79%)

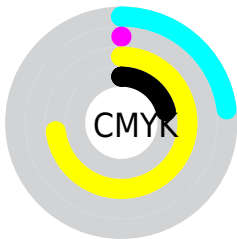
Blue (21%)



Red (21%)

Yellow (79%)

Blue (39%)

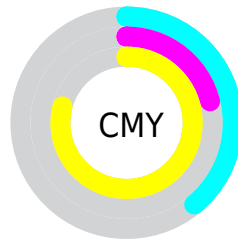


Cyan (23%)

Magenta (0%)

Yellow (73%)

Black (21%)



Cyan (39%)


Magenta (21%)


Yellow (79%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.0701, 49.0082, 11.1012 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 35.0701, 49.0082, 11.1012 by changing the saturation by 10% instead.


 35.0701, 49.0082,
11.1012


 35.0701, 49.0082,
11.1012


316.3802,
382.7746, 209.1228

 23.8836, 34.6260,
6.0199


 66.9277, 88.7036,
28.4867

 15.3716, 23.3749,
2.7882


 88.3295, 114.7856,
41.6279


 9.1686, 14.8706,
0.9875

 113.8671,
145.5364, 58.2929

 4.9093, 8.7286,
0.0000

 143.9059,
181.3402, 78.9002

 2.2284, 4.5646,
0.0000

 178.8113,
222.5816, 103.8683

 0.7576, 1.9941,
0.0000

218.9486,

 0.0000, 0.6041,

269.6448, 133.6157

0.0000

264.6831,
322.9144, 168.5610

■ 0.0000, 0.0000,
0.0000

■ 35.0701, 49.0082,
11.1012

■ 35.0701, 49.0082,
11.1012

■ 33.5165, 48.2526,
9.0534

■ 36.8839, 49.8786,
14.1809

■ 32.1929, 47.5945,
7.8985

■ 38.9768, 50.8662,
18.4022

■ 31.3852, 47.1871,
7.4538

■ 41.3695, 51.9813,
23.8644

■ 44.0795, 53.2309,
30.6550

■ 47.1228, 54.6215,
38.8536

■ 50.5142, 56.1590,
48.5336

■ 54.2675, 57.8492,
59.7633

■ 58.3956, 59.6974,
72.6067

■ 62.9108, 61.7084,
87.1242

Harmonies

Analogous

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



47.0452, 49.0082, 8.1384



35.0701, 49.0082, 11.1012



27.6408, 49.0082, 23.4216

Triad

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



35.0701, 49.0082, 11.1012



34.4108, 49.0082, 146.1685



77.7638, 49.0082, 54.6982

Complementary

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



35.0701, 49.0082, 11.1012



17.1193, 9.5661, 56.2053

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.



72.6465, 49.0082, 101.7482



35.0701, 49.0082, 11.1012



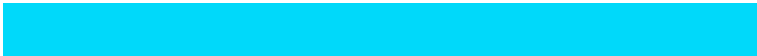
46.1195, 49.0082, 168.0280

Square

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



35.0701, 49.0082, 11.1012



27.3152, 49.0082, 98.2583



60.3693, 49.0082, 148.7791



73.2708, 49.0082, 24.7729

Rectangle

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



35.0701, 49.0082, 11.1012



25.4133, 49.0082, 40.3410



60.3693, 49.0082, 148.7791



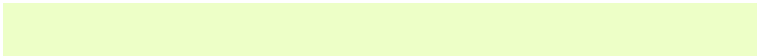
77.0960, 49.0082, 68.9198

Sweetspot

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



35.0712, 49.0104, 11.1022



81.1303, 93.7197, 67.7857



29.1322, 21.4397, 6.0936



17.0432, 19.9133, 13.6176



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.



35.0712, 49.0104, 11.1022



55.9546, 81.9027, 14.1285



25.1569, 43.8993, 10.6383



11.1885, 12.2441, 11.3364



19.8307, 29.7184, 4.6910



1.0112, 1.4444, 0.2255

Inverse Universe

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



17.1193, 9.5661, 56.2053



23.8772, 10.9360, 95.4601



28.7893, 15.5821, 56.7515



10.3638, 10.4458, 13.3875



7.9978, 3.3573, 34.9708



0.4542, 0.1979, 1.6594

Previews

White Background



This preview shows how the XYZ color 35.0701, 49.0082, 11.1012 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 35.0701, 49.0082, 11.1012 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 35.0701, 49.0082, 11.1012

Background



This preview shows how black text looks on a background with the XYZ color 35.0701, 49.0082, 11.1012.



This preview shows how white text looks on a background with the XYZ color 35.0701, 49.0082,

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

35.0701, 49.0082, 11.1012

Protanopia

44.1471, 48.7580, 10.1020

Deuteranopia

49.4057, 48.4098, 11.5905



Tritanopia

45.6571, 49.0014, 62.9289

Trichromacy



Original Color

35.0701, 49.0082, 11.1012

Protanomaly

40.2146, 48.3194, 10.3390

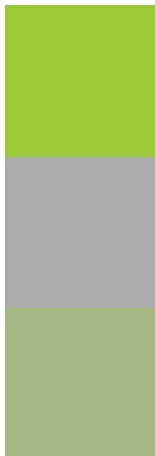
Deuteranomaly

42.7932, 47.7207, 11.2305

Tritanomaly

40.1411, 48.3850, 35.2406

Monochromacy



Original Color

35.0701, 49.0082, 11.1012

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

35.9372, 42.6056, 26.7517

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.0701, 49.0082, 11.1012 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(155, 201, 54)` looks like.

```
.text, #text, p{  
    color:rgb(155, 201, 54)  
}
```

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(155, 201, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 201, 54) }
```

Border

The CSS property to change the border of an element to XYZ 35.0701, 49.0082, 11.1012 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(155, 201, 54) }
```


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

```
.border{ border-color:rgb(155, 201, 54) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 201, 54)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 201, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 201, 54);  
box-shadow:4px 4px 4px 4px rgb(155, 201,  
54) }
```

Background

The CSS property to change the background color of an element to XYZ 35.0701, 49.0082, 11.1012 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 201, 54) }
```

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

```
.background{ background-color: rgb(155,  
201, 54) }
```

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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