

Converting Colors

YUV(115.4320, -49.0200,
-3.8869)

Have a look what the booklet for
YUV(115.4320, -49.0200, -3.8869)
contains.

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Color

**YUV(115.4320, -49.0200,
-3.8869)**

Conversions

Conversions Part 1

Format	Color
Hex	6F8910
RGB	111, 137, 16
RGB Percent	44%, 54%, 6%
CMY	0.5647, 0.4627, 0.9373
CMYK	0.19, 0.00, 0.88, 0.46
HSL	73°, 79%, 30%
HSV	73°, 88%, 54%
XYZ	15.5947, 21.3082, 3.7812
YIQ	115.4320, 23.3450, -43.1430

Conversions

Conversions Part 2

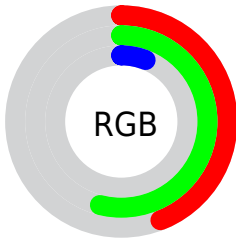
Format	Color
R_{YB}	16, 137, 42
Decimal	7309584
CIE Lab	53.29, -24.92, 54.21
CIE LCh	53, 59.659, 114.687
Yxy	21.3082, 0.3833, 0.5237
Android (android.graphics.Color)	4285499664 (0xFF6F8910)
YUV	115.4320, -49.0200, -3.8869
Hunter-Lab	46.1608, -20.4780, 27.4560

Details

The YUV color **115.4320, -49.0200, -3.8869** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **37.5680, 49.0200, 3.8869**, and the grayscale version is **116.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **169.7140, -46.6940, -3.2572**, and **68.7100, -33.8740, -8.5157** is the 20% darker color. If you saturate the color by 10%, you get **112.9390, -54.6929, -4.3315**, and if you desaturate by 10%, it is **117.9250, -43.3470, -3.4422**.

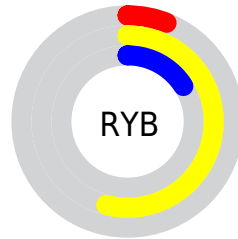
Distribution



Red (44%)

Green (54%)

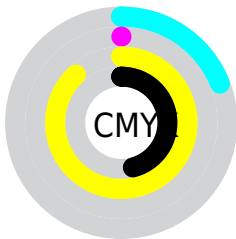
Blue (6%)



Red (6%)

Yellow (54%)

Blue (16%)

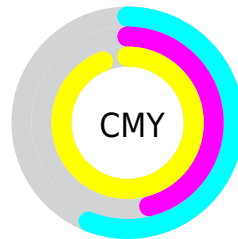


Cyan (19%)

Magenta (0%)

Yellow (88%)

Black (46%)



Cyan (56%)

Magenta (46%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the YUV color 115.4320, -49.0200, -3.8869 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 YUV color 115.4320, -49.0200, -3.8869 by changing the saturation by 10% instead.

■ 115.4320,
-49.0200, -3.8869

■ 115.4320,
-49.0200, -3.8869

■ 255.0000, 0.0000,
0.0000

■ 90.8600, -44.7940,
-6.0162

■ 169.7140,
-46.6940, -3.2572

■ 68.7100, -33.8740,
-8.5157

■ 197.4860,
-47.5676, -3.0572

■ 47.1360, -23.2380,
-13.2743

■ 226.2580,
-48.4412, -2.8573

■ 24.9640, -12.3073,
-19.2624

■ 243.0020,
-43.3850, 8.7682

■ 11.7400, -5.7878,
-10.2960

■ 246.7920,
-31.4495, 7.1984

■ 0.0000, 0.0000,
0.0000

■ 249.9840,

-19.2191, 4.3990

253.2900, -6.5520,
1.4997

115.4320,
-49.0200, -3.8869

115.4320,
-49.0200, -3.8869

112.9390,
-54.6929, -4.3315

117.9250,
-43.3470, -3.4422

112.7110,
-55.5665, -4.1315

120.3040,
-38.1109, -2.8976

122.7970,
-32.4379, -2.4530

125.2900,
-26.7650, -2.0083

127.6690,
-21.5288, -1.4637

■ 130.1620,
-15.8559, -1.0191

■ 132.6550,
-10.1829, -0.5744

■ 135.1480, -4.5100,
-0.1298

■ 137.2280, 0.8736,
-0.2000

Harmonies

Analogous

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



119.4540, -58.8908, 35.5588



115.4320, -49.0200, -3.8869



103.1640, -19.3079, -60.6568

Triad

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



115.4320, -49.0200, -3.8869



110.3430, 49.6239, -96.7708



124.4440, 7.1761, 78.5406

Complementary

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



115.4320, -49.0200, -3.8869



37.5680, 49.0200, 3.8869

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.



130.3160, 27.9452, 43.5729



115.4320, -49.0200, -3.8869



106.0520, 61.1064, -93.0076

Square

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



115.4320, -49.0200, -3.8869



107.9030, 30.1208, -94.6309



127.0510, 46.3169, -15.8307



122.1740, -16.8478, 84.0394

Rectangle

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



115.4320, -49.0200, -3.8869



98.6350, -0.3131, -86.5029



127.0510, 46.3169, -15.8307



126.3380, 14.6234, 69.8636

Sweetspot

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



115.4320, -49.0200, -3.8869



170.6520, -19.0554, -1.4488



66.2670, -24.7816, 62.0328



84.1280, -10.9091, -0.9893



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



115.4320, -49.0200, -3.8869



146.9330, -72.4380, -6.0802



97.7910, -40.3230, -40.1587



67.6040, -2.7628, -0.5297



109.1670, -53.8193, -4.5315



4.1310, -2.0366, -0.1149

Inverse Universe

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



37.5680, 49.0200, 3.8869



31.7680, 72.5854, 5.4655



55.2090, 40.3230, 40.1587



63.0970, 2.9102, -0.0851



23.5340, 53.9667, 3.9167



0.8690, 2.0366, 0.1149

Previews

White Background



This preview shows how the YUV color 115.4320, -49.0200, -3.8869 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 115.4320, -49.0200, -3.8869 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

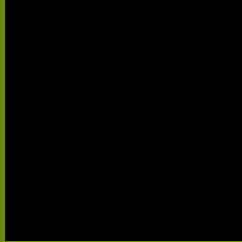
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 115.4320, -49.0200, -3.8869

Background



This preview shows how black text looks on a background with the YUV color 115.4320, -49.0200, -3.8869.



This preview shows how white text looks on a background with the YUV color 115.4320, -49.0200, -3.8869.

-3.8869.

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

115.4320, -49.0200, -3.8869

Protanopia

118.6740, -52.5903, 21.3339

Deuteranopia

121.4720, -46.0817, 33.7891



Tritanopia

126.7590, 5.5418, -4.1736

Trichromacy



Original Color

115.4320, -49.0200, -3.8869

Protanomaly

117.5480, -51.5422, 11.7974

Deuteranomaly

119.1560, -46.9119, 20.0342

Tritanomaly

122.8950, -14.2452, -4.2929

Monochromacy



Original Color

115.4320, -49.0200, -3.8869

Achromatopsia

115.0000, 0.0000, 0.0000

Achromatomaly

115.2930, -17.8924, -1.1340

CSS Examples

Text

The CSS property to change the color of the text to YUV 115.4320, -49.0200, -3.8869 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(111, 137, 16)` looks like.

```
.text, #text, p{  
    color:rgb(111, 137, 16)  
}
```

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(111, 137, 16) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 137, 16) }
```

Border

The CSS property to change the border of an element to YUV 115.4320, -49.0200, -3.8869 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(111, 137, 16) }
```


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

```
.border{ border-color:rgb(111, 137, 16) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 137, 16)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 137, 16); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 137, 16);  
box-shadow:4px 4px 4px 4px rgb(111, 137,  
16) }
```

Background

The CSS property to change the background color of an element to YUV 115.4320, -49.0200, -3.8869 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 137, 16) }
```

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

```
.background{ background-color: rgb(111,  
137, 16) }
```

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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