

Converting Colors

YUV(116.2380, -48.4313,
-52.8287)

Have a look what the booklet for
YUV(116.2380, -48.4313, -52.8287)
contains.

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Color

**YUV(116.2380, -48.4313,
-52.8287)**

Conversions

Conversions Part 1

Format	Color
Hex	38A612
RGB	56, 166, 18
RGB Percent	22%, 65%, 7%
CMY	0.7804, 0.3490, 0.9294
CMYK	0.66, 0.00, 0.89, 0.35
HSL	105°, 80%, 36%
HSV	105°, 89%, 65%
XYZ	15.3763, 28.1569, 5.1967
YIQ	116.2380, -18.0520, -69.3480

Conversions

Conversions Part 2

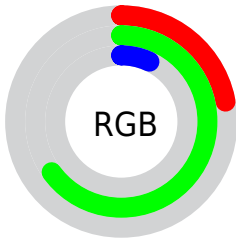
Format	Color
R_{YB}	18, 166, 128
Decimal	3712530
CIE _{Lab}	60.03, -55.27, 58.54
CIE _{LCh}	60, 80.512, 133.357
Yxy	28.1569, 0.3155, 0.5778
Android (android.graphics.Color)	4281902610 (0xFF38A612)
YUV	116.2380, -48.4313, -52.8287
Hunter-Lab	53.0630, -41.1357, 31.3376

Details

The YUV color **116.2380, -48.4313, -52.8287** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **67.7620, 48.4313, 52.8287**, and the grayscale version is **117.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **174.7160, -46.6950, -49.7399**, and **66.3310, -32.7012, -58.1723** is the 20% darker color. If you saturate the color by 10%, you get **110.7120, -54.0880, -58.5064**, and if you desaturate by 10%, it is **121.7640, -42.7747, -47.1510**.

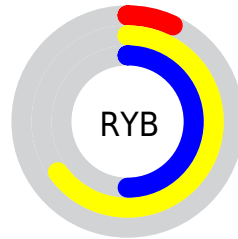
Distribution



Red (22%)

Green (65%)

Blue (7%)



Red (7%)

Yellow (65%)

Blue (50%)

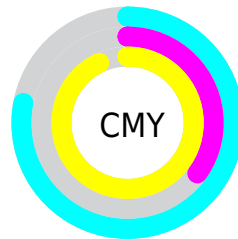


Cyan (66%)

Magenta (0%)

Yellow (89%)

Black (35%)



Cyan (78%)

Magenta (35%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the YUV color 116.2380, -48.4313, -52.8287 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 116.2380, -48.4313, -52.8287 by changing the saturation by 10% instead.

■ 116.2380,
-48.4313, -52.8287

■ 116.2380,
-48.4313, -52.8287

■ 255.0000, 0.0000,
0.0000

■ 83.6860, -41.2572,
-67.2536

■ 174.7160,
-46.6950, -49.7399

■ 66.3310, -32.7012,
-58.1723

■ 203.4880,
-47.5686, -49.5400

■ 51.0690, -25.1770,
-44.7875

■ 217.9980,
-40.9180, -35.9552

■ 36.3940, -17.9422,
-31.9175

■ 229.7470,
-33.3993, -20.8261

■ 23.4800, -11.5756,
-20.5920

■ 242.0230,
-25.1543, -5.2822

■ 0.0000, 0.0000,
0.0000

■ 250.8960,

-15.7247, 3.5992

254.3160, -2.6208,
0.5999

■ 116.2380,
-48.4313, -52.8287

■ 116.2380,
-48.4313, -52.8287

■ 110.7120,
-54.0880, -58.5064

■ 121.7640,
-42.7747, -47.1510

■ 110.2990,
-54.3774, -59.0212

■ 127.4750,
-37.7022, -40.7586

■ 133.0010,
-32.0455, -35.0809

■ 138.4130,
-26.8256, -29.3032

■ 144.2380,
-21.3163, -23.0107

■ 149.7640,
-15.6597, -17.3330

■ 155.1760,
-10.4398, -11.5554

■ 161.0010, -4.9305,
-5.2629

■ 166.4130, 0.2894,
0.5148

Harmonies

Analogous

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



131.9920, -65.0721, 11.4080



116.2380, -48.4313, -52.8287



113.0650, -5.9480, -99.1580

Triad

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



116.2380, -48.4313, -52.8287



125.3380, 63.9234, -109.9214



123.5150, -3.7049, 115.3123

Complementary

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



116.2380, -48.4313, -52.8287



67.7620, 48.4313, 52.8287

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.



136.5710, 24.8615, 99.4772



116.2380, -48.4313, -52.8287



113.0110, 70.0006, -99.1106

Square

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



116.2380, -48.4313, -52.8287



129.6120, 54.9143, -113.6697



147.9830, 49.8014, 33.3409



134.2260, -42.5094, 101.5338

Rectangle

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



116.2380, -48.4313, -52.8287



119.9390, 15.3131, -105.1865



147.9830, 49.8014, 33.3409



124.4900, 7.6464, 114.4573

Sweetspot

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



116.2380, -48.4313, -52.8287



197.1180, -19.2852, -21.1515



126.2350, -53.3599, 34.8739



98.2360, -11.4553, -12.4850



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



116.2380, -48.4313, -52.8287



144.1230, -71.0526, -77.2839



108.8660, -27.5419, -79.6895



81.2940, -2.6099, -2.8888



98.2380, -48.4313, -52.8287



13.2350, -6.5249, -7.2221

Inverse Universe

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



67.7620, 48.4313, 52.8287



72.8770, 71.0526, 77.2839



75.1340, 27.5419, 79.6895



78.7060, 2.6099, 2.8888



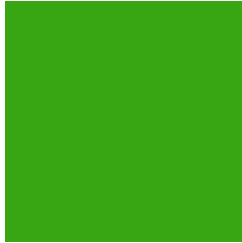
49.7620, 48.4313, 52.8287



6.7650, 6.5249, 7.2221

Previews

White Background



This preview shows how the YUV color 116.2380, -48.4313, -52.8287 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 116.2380, -48.4313, -52.8287 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 116.2380, -48.4313, -52.8287 Background



This preview shows how black text looks on a background with the YUV color 116.2380, -48.4313, -52.8287.



This preview shows how white text looks on a background with the YUV color 116.2380, -48.4313, -52.8287.

-52.8287.

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

116.2380, -48.4313, -52.8287

Protanopia

133.8780, -62.0579, 24.6630

Deuteranopia

138.0980, -48.8553, 36.7481



Tritanopia

135.4490, 15.5546, -42.4898

Trichromacy



Original Color

116.2380, -48.4313, -52.8287

Protanomaly

127.3690, -56.8769, -3.8316

Deuteranomaly

130.1880, -48.8997, 4.2201

Tritanomaly

128.3520, -7.5685, -45.9127

Monochromacy



Original Color

116.2380, -48.4313, -52.8287

Achromatopsia

116.0000, 0.0000, 0.0000

Achromatomaly

115.8840, -17.6908, -19.1923

CSS Examples

Text

The CSS property to change the color of the text to YUV 116.2380, -48.4313, -52.8287 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(56, 166, 18)` looks like.

```
.text, #text, p{  
    color:rgb(56, 166, 18)  
}
```

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(56, 166, 18) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(56, 166, 18) }
```

Border

The CSS property to change the border of an element to YUV 116.2380, -48.4313, -52.8287 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(56, 166, 18) }
```


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

```
.border{ border-color:rgb(56, 166, 18) }
```

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

Here you see how a box with a 4 pixel rgb(56, 166, 18) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(56, 166, 18); -webkit-box-  
shadow:4px 4px 4px 4px rgb(56, 166, 18);  
box-shadow:4px 4px 4px 4px rgb(56, 166,  
18) }
```

Background

The CSS property to change the background color of an element to YUV 116.2380, -48.4313, -52.8287 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(56, 166, 18) }
```

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

```
.background{ background-color: rgb(56, 166,  
18) }
```

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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