

Converting Colors

YUV(118.2840, -50.9190,
45.3549)

Have a look what the booklet for
YUV(118.2840, -50.9190, 45.3549)
contains.

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Color

**YUV(118.2840, -50.9190,
45.3549)**

Conversions

Conversions Part 1

Format	Color
Hex	AA700F
RGB	170, 112, 15
RGB Percent	67%, 44%, 6%
CMY	0.3333, 0.5608, 0.9412
CMYK	0.00, 0.34, 0.91, 0.33
HSL	38°, 84%, 36%
HSV	38°, 91%, 67%
XYZ	22.4580, 20.1689, 3.1613
YIQ	118.2840, 65.7050, -17.8710

Conversions

Conversions Part 2

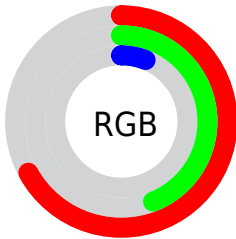
Format	Color
R_{YB}	108, 170, 15
Decimal	11169807
CIE Lab	52.03, 15.89, 55.82
CIE LCh	52, 58.036, 74.112
Yxy	20.1689, 0.4905, 0.4405
Android (android.graphics.Color)	4289359887 (0xFFAA700F)
YUV	118.2840, -50.9190, 45.3549
Hunter-Lab	44.9098, 10.6701, 27.2633

Details

The YUV color **118.2840, -50.9190, 45.3549** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **66.7160, 50.9190, -45.3549**, and the grayscale version is **119.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **173.2460, -49.9143, 49.7733**, and **71.3550, -35.1780, 36.5227** is the 20% darker color. If you saturate the color by 10%, you get **113.0520, -55.7346, 49.9434**, and if you desaturate by 10%, it is **123.7440, -45.2298, 40.5665**.

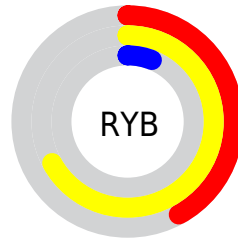
Distribution



Red (67%)

Green (44%)

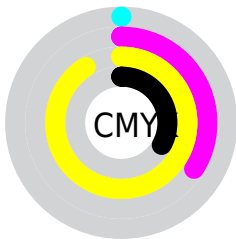
Blue (6%)



Red (42%)

Yellow (67%)

Blue (6%)

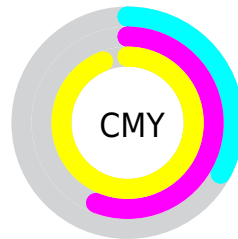


Cyan (0%)

Magenta (34%)

Yellow (91%)

Black (33%)



Cyan (33%)

Magenta (56%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the YUV color 118.2840, -50.9190, 45.3549 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 118.2840, -50.9190, 45.3549 by changing the saturation by 10% instead.

■ 118.2840,
-50.9190, 45.3549

■ 118.2840,
-50.9190, 45.3549

255.0000, 0.0000,
0.0000

■ 93.8150, -46.2508,
41.3812

■ 173.2460,
-49.9143, 49.7733

■ 71.3550, -35.1780,
36.5227

■ 199.5340,
-50.0563, 48.6437

■ 49.7700, -24.5366,
30.0197

■ 218.9340,
-46.8025, 31.6299

■ 29.3700, -14.4794,
24.2315

■ 238.4480,
-43.1119, 14.5161

■ 10.1660, -5.0118,
20.9024

■ 246.3360,
-33.1966, 7.5983

■ 0.0000, 0.0000,
0.0000

■ 249.5280,

-20.9663, 4.7989

252.8340, -8.2992,
1.8996

118.2840,
-50.9190, 45.3549

118.2840,
-50.9190, 45.3549

113.0520,
-55.7346, 49.9434

123.7440,
-45.2298, 40.5665

129.7910,
-39.8300, 35.2633

135.2510,
-34.1407, 30.4749

140.7110,
-28.4515, 25.6865

146.7580,
-23.0517, 20.3832

■ 152.2180,
-17.3625, 15.5948

■ 158.2650,
-11.9626, 10.2916

■ 163.7250, -6.2734,
5.5032

■ 169.1850, -0.5842,
0.7148

Harmonies

Analogous

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



119.9000, -31.5027, 71.1247



118.2840, -50.9190, 45.3549



113.6250, -55.0311, 10.8529

Triad

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



118.2840, -50.9190, 45.3549



103.0470, 21.6688, -90.3722



127.6880, 33.6778, 24.8296

Complementary

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



118.2840, -50.9190, 45.3549



66.7160, 50.9190, -45.3549

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.



115.9440, 51.7926, -45.5549



118.2840, -50.9190, 45.3549



107.0030, 41.9035, -93.8416

Square

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



118.2840, -50.9190, 45.3549



96.5320, -0.7553, -84.6586



105.4990, 56.4490, -92.5226



123.6150, 14.4868, 66.9896

Rectangle

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



118.2840, -50.9190, 45.3549



111.2760, -39.0831, -17.7821



105.4990, 56.4490, -92.5226



126.7610, 39.5578, 5.4716

Sweetspot

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



118.2840, -50.9190, 45.3549



201.6590, -19.5519, 17.8391



68.0710, 2.9230, 89.3917



100.2650, -11.9626, 10.2916



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



118.2840, -50.9190, 45.3549



147.9710, -72.9497, 64.9234



146.9480, -65.0504, 4.4306



81.3270, -2.6262, 2.3442



98.8430, -48.7296, 43.1107



13.6110, -6.7102, 5.6032

Inverse Universe

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



66.7160, 50.9190, -45.3549



74.0290, 72.9497, -64.9234



38.0520, 65.0504, -4.4306



78.6730, 2.6262, -2.3442



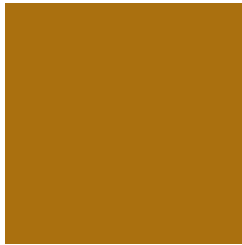
49.1570, 48.7296, -43.1107



6.9760, 6.4208, -6.1180

Previews

White Background



This preview shows how the YUV color 118.2840, -50.9190, 45.3549 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 118.2840, -50.9190, 45.3549 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 118.2840, -50.9190, 45.3549 Background



This preview shows how black text looks on a background with the YUV color 118.2840, -50.9190, 45.3549.



This preview shows how white text looks on a background with the YUV color 118.2840, -50.9190,

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

118.2840, -50.9190, 45.3549

Protanopia

117.4010, -48.5117, 19.8193

Deuteranopia

117.0780, -55.2545, 35.8886



Tritanopia

126.1410, -6.9715, 42.8493

Trichromacy



Original Color

118.2840, -50.9190, 45.3549

Protanomaly

117.6410, -49.1230, 29.2558

Deuteranomaly

117.5560, -53.5181, 38.9774

Tritanomaly

123.3140, -22.8328, 43.5746

Monochromacy



Original Color

118.2840, -50.9190, 45.3549

Achromatopsia

118.0000, 0.0000, 0.0000

Achromatomaly

118.2890, -18.3835, 16.4095

CSS Examples

Text

The CSS property to change the color of the text to YUV 118.2840, -50.9190, 45.3549 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(170, 112, 15)` looks like.

```
.text, #text, p{  
    color:rgb(170, 112, 15)  
}
```

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(170, 112, 15) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 112, 15) }
```

Border

The CSS property to change the border of an element to YUV 118.2840, -50.9190, 45.3549 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(170, 112, 15) }
```


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

```
.border{ border-color:rgb(170, 112, 15) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 112, 15)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 112, 15); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 112, 15);  
box-shadow:4px 4px 4px 4px rgb(170, 112,  
15) }
```

Background

The CSS property to change the background color of an element to YUV 118.2840, -50.9190, 45.3549 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 112, 15) }
```

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

```
.background{ background-color: rgb(170,  
112, 15) }
```

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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