

Converting Colors

YUV(115.9250, -49.7560,
45.6698)

Have a look what the booklet for
YUV(115.9250, -49.7560, 45.6698)
contains.

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Color

**YUV(115.9250, -49.7560,
45.6698)**

Conversions

Conversions Part 1

Format	Color
Hex	A86D0F
RGB	168, 109, 15
RGB Percent	66%, 43%, 6%
CMY	0.3412, 0.5725, 0.9412
CMYK	0.00, 0.35, 0.91, 0.34
HSL	37°, 84%, 36%
HSV	37°, 91%, 66%
XYZ	21.7033, 19.2966, 3.0327
YIQ	115.9250, 65.3380, -16.7260

Conversions

Conversions Part 2

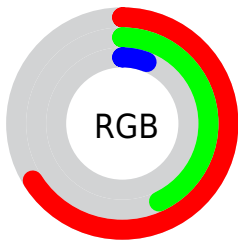
Format	Color
R_{YB}	111, 168, 15
Decimal	11037967
CIE _{Lab}	51.03, 16.68, 54.95
CIE _{LCh}	51, 57.423, 73.118
Yxy	19.2966, 0.4929, 0.4382
Android (android.graphics.Color)	4289228047 (0xFFA86D0F)
YUV	115.9250, -49.7560, 45.6698
Hunter-Lab	43.9279, 11.3171, 26.6563

Details

The YUV color **115.9250, -49.7560, 45.6698** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **67.0750, 49.7560, -45.6698**, and the grayscale version is **116.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **170.1860, -48.8987, 50.7029**, and **68.9960, -34.0150, 36.8375** is the 20% darker color. If you saturate the color by 10%, you get **110.6930, -54.5716, 50.2582**, and if you desaturate by 10%, it is **121.3850, -44.0668, 40.8814**.

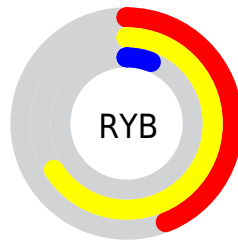
Distribution



Red (66%)

Green (43%)

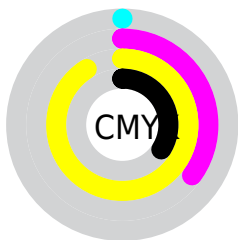
Blue (6%)



Red (44%)

Yellow (66%)

Blue (6%)

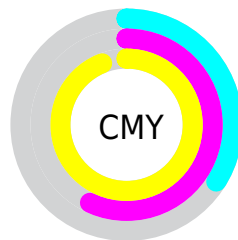


Cyan (0%)

Magenta (35%)

Yellow (91%)

Black (34%)



Cyan (34%)


Magenta (57%)


Yellow (94%)

Brightness & Saturation Gradients


These gradients show how the YUV color 115.9250, -49.7560, 45.6698 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 115.9250, -49.7560, 45.6698 by changing the saturation by 10% instead.


 115.9250,
-49.7560, 45.6698

 115.9250,
-49.7560, 45.6698


255.0000, 0.0000,
0.0000


 91.4560, -45.0878,
41.6961


 170.1860,
-48.8987, 50.7029


 68.9960, -34.0150,
36.8375


 197.0720,
-49.3355, 50.8029

 47.4110, -23.3736,
30.3346


 216.4720,
-46.0817, 33.7891

 27.5980, -13.6058,
24.0316

 236.5730,
-42.6805, 16.1605

 9.8670, -4.8644,
20.2876

 246.2220,
-33.6334, 7.6983

 0.0000, 0.0000,
0.0000

 249.4140,

-21.4031, 4.8989

■ 252.7200, -8.7360,
1.9996

■ 115.9250,
-49.7560, 45.6698

■ 115.9250,
-49.7560, 45.6698

■ 110.6930,
-54.5716, 50.2582

■ 121.3850,
-44.0668, 40.8814

■ 127.4320,
-38.6670, 35.5781

■ 132.7780,
-33.4146, 30.8897

■ 138.8250,
-28.0147, 25.5865

■ 144.2850,
-22.3255, 20.7981

■ 150.3320,
-16.9257, 15.4948

■ 155.7920,
-11.2365, 10.7064

■ 161.7250, -6.2734,
5.5032

■ 167.1850, -0.5842,
0.7148

Harmonies

Analogous

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



117.2420, -30.1923, 70.8248



115.9250, -49.7560, 45.6698



111.3370, -54.8891, 11.9825

Triad

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



115.9250, -49.7560, 45.6698



100.7160, 20.3530, -88.3279



125.3780, 33.8306, 22.4705

Complementary

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



115.9250, -49.7560, 45.6698



67.0750, 49.7560, -45.6698

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.



112.0360, 52.2403, -49.1436



115.9250, -49.7560, 45.6698



104.7860, 41.0245, -91.8973

Square

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



115.9250, -49.7560, 45.6698



94.3150, -1.6343, -82.7143



103.7550, 54.8438, -90.9931



121.3050, 14.6396, 64.6305

Rectangle

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



115.9250, -49.7560, 45.6698



109.1730, -39.5253, -15.9377



103.7550, 54.8438, -90.9931



123.7500, 39.5632, 3.7273

Sweetspot

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



115.9250, -49.7560, 45.6698



198.7730, -19.1151, 17.7391



67.7010, 4.0914, 87.9622



97.7920, -11.2365, 10.7064



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.



115.9250, -49.7560, 45.6698



144.7260, -71.3499, 65.1383



146.0730, -64.6190, 6.0750



81.3270, -2.6262, 2.3442



97.6690, -48.1508, 44.1403



13.6110, -6.7102, 5.6032

Inverse Universe

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



67.0750, 49.7560, -45.6698



74.8610, 71.0605, -65.6531



36.9270, 64.6190, -6.0750



78.6730, 2.6262, -2.3442



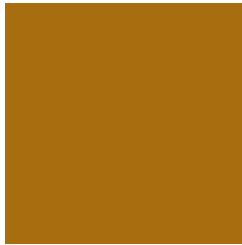
50.3310, 48.1508, -44.1403



6.9760, 6.4208, -6.1180

Previews

White Background



This preview shows how the YUV color 115.9250, -49.7560, 45.6698 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 115.9250, -49.7560, 45.6698 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 115.9250, -49.7560, 45.6698 Background



This preview shows how black text looks on a background with the YUV color 115.9250, -49.7560, 45.6698.



This preview shows how white text looks on a background with the YUV color 115.9250, -49.7560,

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

115.9250, -49.7560, 45.6698

Protanopia

114.7430, -47.2013, 19.5194

Deuteranopia

114.4800, -54.9596, 34.6590



Tritanopia

123.1410, -6.9715, 42.8493

Trichromacy



Original Color

115.9250, -49.7560, 45.6698

Protanomaly

114.9830, -47.8126, 28.9559

Deuteranomaly

114.6700, -53.0813, 38.8774

Tritanomaly

120.7270, -22.5434, 44.0894

Monochromacy



Original Color

115.9250, -49.7560, 45.6698

Achromatopsia

116.0000, 0.0000, 0.0000

Achromatomaly

115.7020, -18.0941, 16.9243

CSS Examples

Text

The CSS property to change the color of the text to YUV 115.9250, -49.7560, 45.6698 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(168, 109, 15)` looks like.

```
.text, #text, p{  
    color:rgb(168, 109, 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(168, 109, 15) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 109, 15) }
```

Border

The CSS property to change the border of an element to YUV 115.9250, -49.7560, 45.6698 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(168, 109, 15) }
```


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

```
.border{ border-color:rgb(168, 109, 15) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 109, 15)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 109, 15); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 109, 15);  
box-shadow:4px 4px 4px 4px rgb(168, 109,  
15) }
```

Background

The CSS property to change the background color of an element to YUV 115.9250, -49.7560, 45.6698 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 109, 15) }
```

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

```
.background{ background-color: rgb(168,  
109, 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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