

Converting Colors

YUV(116.8870, -48.7513,
50.0881)

Have a look what the booklet for
YUV(116.8870, -48.7513, 50.0881)
contains.

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Color

**YUV(116.8870, -48.7513,
50.0881)**

Conversions

Conversions Part 1

Format	Color
Hex	AE6B12
RGB	174, 107, 18
RGB Percent	68%, 42%, 7%
CMY	0.3176, 0.5804, 0.9294
CMYK	0.00, 0.39, 0.90, 0.32
HSL	34°, 81%, 38%
HSV	34°, 90%, 68%
XYZ	22.8224, 19.5577, 3.1444
YIQ	116.8870, 68.5010, -13.4750

Conversions

Conversions Part 2

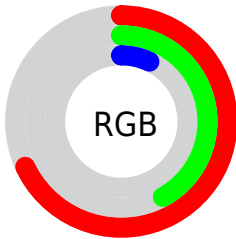
Format	Color
RYB	135, 174, 18
Decimal	11430674
CIELab	51.33, 20.54, 54.73
CIElCh	51, 58.460, 69.426
Yxy	19.5577, 0.5013, 0.4296
Android (android.graphics.Color)	4289620754 (0xFFAE6B12)
YUV	116.8870, -48.7513, 50.0881
Hunter-Lab	44.2241, 14.7250, 26.7413

Details

The YUV color **116.8870, -48.7513, 50.0881** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **75.1130, 48.7513, -50.0881**, and the grayscale version is **117.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **171.6210, -48.6202, 54.7064**, and **69.3170, -34.1733, 40.9410** is the 20% darker color. If you saturate the color by 10%, you get **110.8400, -54.1511, 55.3913**, and if you desaturate by 10%, it is **122.9340, -43.3515, 44.7849**.

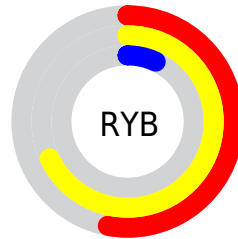
Distribution



Red (68%)

Green (42%)

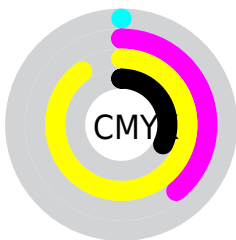
Blue (7%)



Red (53%)

Yellow (68%)

Blue (7%)

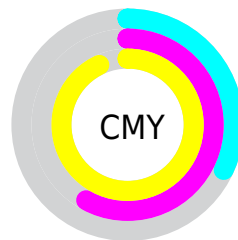


Cyan (0%)

Magenta (39%)

Yellow (90%)

Black (32%)



Cyan (32%)

Magenta (58%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the YUV color 116.8870, -48.7513, 50.0881 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 116.8870, -48.7513, 50.0881 by changing the saturation by 10% instead.

■ 116.8870,
-48.7513, 50.0881

■ 116.8870,
-48.7513, 50.0881

255.0000, 0.0000,
0.0000

■ 92.0760, -45.3935,
46.4143

■ 171.6210,
-48.6202, 54.7064

■ 69.3170, -34.1733,
40.9410

■ 196.7130,
-48.1725, 51.1177

■ 47.7320, -23.5319,
34.4380

■ 215.5260,
-44.6293, 34.6187

■ 27.3320, -13.4747,
28.6498

■ 235.6270,
-41.2281, 16.9901

■ 11.0630, -5.4541,
22.7467

■ 246.3360,
-33.1966, 7.5983

■ 0.0000, 0.0000,
0.0000

■ 249.5280,

-20.9663, 4.7989

252.8340, -8.2992,
1.8996

116.8870,
-48.7513, 50.0881

116.8870,
-48.7513, 50.0881

110.8400,
-54.1511, 55.3913

122.9340,
-43.3515, 44.7849

110.1390,
-54.2985, 56.0061

129.6820,
-37.8042, 38.8669

135.7290,
-32.4044, 33.5637

142.4770,
-26.8572, 27.6457

148.5240,
-21.4573, 22.3425

■ 155.1580,
-16.3469, 16.5244

■ 161.3190,
-10.5103, 11.1212

■ 167.9530, -5.3998,
5.3032

■ 174.1140, 0.4368,
-0.1000

Harmonies

Analogous

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



117.5460, -27.8772, 74.9432



116.8870, -48.7513, 50.0881



112.8430, -55.6316, 16.8007

Triad

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



116.8870, -48.7513, 50.0881



101.3200, 17.5902, -88.8576



125.7300, 36.6151, 16.0228

Complementary

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



116.8870, -48.7513, 50.0881



75.1130, 48.7513, -50.0881

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.



103.6740, 57.8417, -72.5051



116.8870, -48.7513, 50.0881



105.6180, 39.1353, -92.6270

Square

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



116.8870, -48.7513, 50.0881



93.6310, -4.2551, -82.1144



105.0430, 54.7018, -92.1227



122.5050, 17.9920, 62.7011

Rectangle

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



116.8870, -48.7513, 50.0881



110.3540, -44.0515, -10.8345



105.0430, 54.7018, -92.1227



123.2050, 42.7899, -4.5648

Sweetspot

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



116.8870, -48.7513, 50.0881



204.7840, -19.1205, 19.4834



72.3960, 6.7068, 89.1067



101.3900, -11.5313, 11.9360



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



116.8870, -48.7513, 50.0881



143.5960, -70.7928, 73.1453



153.2260, -66.6664, 9.4488



83.6260, -2.7736, 2.9590



95.3320, -46.9987, 47.9438



14.5080, -7.1524, 7.4475

Inverse Universe

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



75.1130, 48.7513, -50.0881



82.8170, 71.0822, -72.6305



38.7740, 66.6664, -9.4488



81.3740, 2.7736, -2.9590



55.2550, 46.7093, -48.4586



8.4920, 7.1524, -7.4475

Previews

White Background



This preview shows how the YUV color 116.8870, -48.7513, 50.0881 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 116.8870, -48.7513, 50.0881 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 116.8870, -48.7513, 50.0881 Background



This preview shows how black text looks on a background with the YUV color 116.8870, -48.7513, 50.0881.



This preview shows how white text looks on a background with the YUV color 116.8870, -48.7513,

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

116.8870, -48.7513, 50.0881

Protanopia

116.0850, -45.8909, 19.2195

Deuteranopia

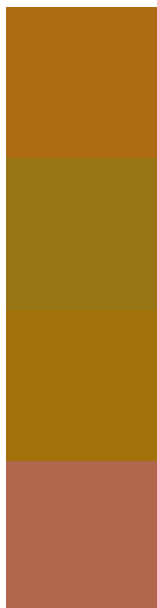
115.1210, -53.7967, 34.9739



Tritanopia

124.1200, -8.4402, 47.2528

Trichromacy



Original Color

116.8870, -48.7513, 50.0881

Protanomaly

116.2220, -46.9444, 30.5003

Deuteranomaly

115.9090, -52.2131, 40.4218

Tritanomaly

121.9340, -23.1385, 48.2929

Monochromacy



Original Color

116.8870, -48.7513, 50.0881

Achromatopsia

117.0000, 0.0000, 0.0000

Achromatomaly

116.8270, -17.6627, 18.5687

CSS Examples

Text

The CSS property to change the color of the text to YUV 116.8870, -48.7513, 50.0881 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(174, 107, 18)` looks like.

```
.text, #text, p{  
    color:rgb(174, 107, 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(174, 107, 18) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 107, 18) }
```

Border

The CSS property to change the border of an element to YUV 116.8870, -48.7513, 50.0881 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(174, 107, 18) }
```


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

```
.border{ border-color:rgb(174, 107, 18) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 107, 18)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 107, 18); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 107, 18);  
box-shadow:4px 4px 4px 4px rgb(174, 107,  
18) }
```

Background

The CSS property to change the background color of an element to YUV 116.8870, -48.7513, 50.0881 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 107, 18) }
```

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

```
.background{ background-color: rgb(174,  
107, 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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