

Converting Colors

YUV(117.4490, -37.6894,
48.7182)

Have a look what the booklet for
YUV(117.4490, -37.6894, 48.7182)
contains.

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Color

**YUV(117.4490, -37.6894,
48.7182)**

Conversions

Conversions Part 1

Format	Color
Hex	AD6829
RGB	173, 104, 41
RGB Percent	68%, 41%, 16%
CMY	0.3216, 0.5922, 0.8392
CMYK	0.00, 0.40, 0.76, 0.32
HSL	29°, 62%, 42%
HSV	29°, 76%, 68%
XYZ	22.5841, 18.9450, 4.5643
YIQ	117.4490, 61.3470, -4.9650

Conversions

Conversions Part 2

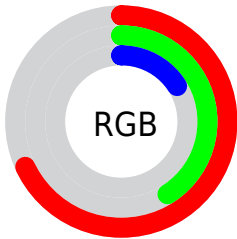
Format	Color
RYB	173, 162, 41
Decimal	11364393
CIELab	50.62, 22.52, 45.39
CIElCh	51, 50.671, 63.611
Yxy	18.9450, 0.4900, 0.4110
Android (android.graphics.Color)	4289554473 (0xFFAD6829)
YUV	117.4490, -37.6894, 48.7182
Hunter-Lab	43.5258, 16.4477, 24.2507

Details

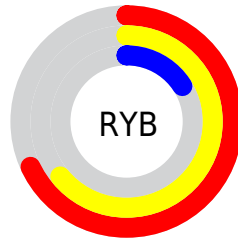
The YUV color **117.4490, -37.6894, 48.7182** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **96.5510, 37.6894, -48.7182**, and the grayscale version is **118.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **171.4990, -40.1790, 53.9364**, and **67.2570, -33.1577, 41.8706** is the 20% darker color. If you saturate the color by 10%, you get **110.2280, -42.5104, 55.0510**, and if you desaturate by 10%, it is **124.6700, -32.8683, 42.3854**.

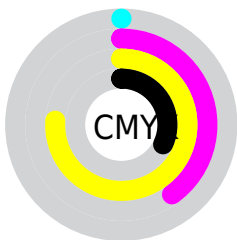
Distribution



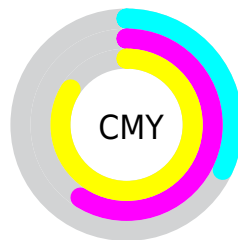
- Red (68%)
- Green (41%)
- Blue (16%)



- Red (68%)
- Yellow (64%)
- Blue (16%)



- Cyan (0%)
- Magenta (40%)
- Yellow (76%)
- Black (32%)



- Cyan (32%)
- Magenta (59%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YUV color 117.4490, -37.6894, 48.7182 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 117.4490, -37.6894, 48.7182 by changing the saturation by 10% instead.

■ 117.4490,
-37.6894, 48.7182

■ 117.4490,
-37.6894, 48.7182

255.0000, 0.0000,
0.0000

■ 91.7260, -37.8259,
45.8443

■ 171.4990,
-40.1790, 53.9364

■ 67.2570, -33.1577,
41.8706

■ 196.8900,
-39.8788, 50.9625

■ 45.9710, -22.6637,
35.9824

■ 215.7030,
-36.3356, 34.4635

■ 24.9840, -12.3171,
30.7090

■ 235.8040,
-32.9344, 16.8349

■ 11.1770, -5.0173,
22.6468

■ 248.3880,
-25.3343, 5.7987

■ 0.0000, 0.0000,
0.0000

■ 251.5800,

-13.1039, 2.9993

254.8860, -0.4368,
0.1000

■ 117.4490,
-37.6894, 48.7182

■ 117.4490,
-37.6894, 48.7182

■ 110.2280,
-42.5104, 55.0510

■ 124.6700,
-32.8683, 42.3854

■ 102.8930,
-47.7682, 61.4838

■ 132.0050,
-27.6105, 35.9526

■ 100.4480,
-49.5209, 63.6281

■ 139.2260,
-22.7894, 29.6198

■ 146.4470,
-17.9684, 23.2870

■ 153.7820,
-12.7105, 16.8542

■ 161.0030, -7.8895,
10.5214

■ 168.2240, -3.0684,
4.1886

■ 175.4450, 1.7526,
-2.1443

■ 182.7800, 7.0105,
-8.5771

Harmonies

Analogous

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



117.9240, -21.1615, 67.5957



117.4490, -37.6894, 48.7182



114.4380, -44.5859, 20.6639

Triad

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



117.4490, -37.6894, 48.7182



97.0170, 13.7956, -85.0839



123.0830, 34.4691, 4.3122

Complementary

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



117.4490, -37.6894, 48.7182



96.5510, 37.6894, -48.7182

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.



100.8710, 52.3216, -75.3089



117.4490, -37.6894, 48.7182



101.2180, 32.4305, -88.7682

Square

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



117.4490, -37.6894, 48.7182



93.7140, -6.7610, -71.6632



101.7030, 46.9814, -89.1935



123.4060, 18.0408, 47.0019

Rectangle

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



117.4490, -37.6894, 48.7182



111.7880, -38.8425, -1.5681



101.7030, 46.9814, -89.1935



120.5260, 39.1807, -13.6163

Sweetspot

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



117.4490, -37.6894, 48.7182



202.3370, -14.4631, 18.9985



88.4480, 11.1181, 74.1521



99.0740, -8.9105, 11.3361



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.



117.4490, -37.6894, 48.7182



137.1200, -58.7262, 76.1938



155.6040, -56.4998, 15.2563



83.0390, -2.4842, 3.4738



87.1140, -42.9472, 55.1510



13.3340, -6.5737, 8.4771

Inverse Universe

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



96.5510, 37.6894, -48.7182



104.8800, 58.7262, -76.1938



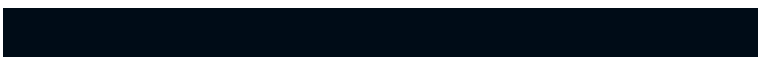
58.3960, 56.4998, -15.2563



81.9610, 2.4842, -3.4738



63.4730, 42.6578, -55.6658



9.6660, 6.5737, -8.4771

Previews

White Background



This preview shows how the YUV color 117.4490, -37.6894, 48.7182 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 117.4490, -37.6894, 48.7182 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 117.4490, -37.6894, 48.7182

Background



This preview shows how black text looks on a background with the YUV color 117.4490, -37.6894, 48.7182.



This preview shows how white text looks on a background with the YUV color 117.4490, -37.6894,

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

117.4490, -37.6894, 48.7182

Protanopia

116.6360, -34.8235, 16.1052

Deuteranopia

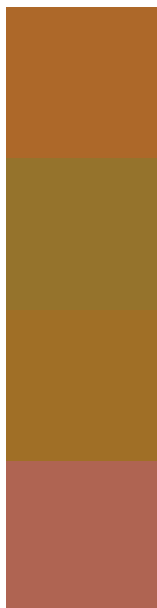
117.1710, -39.5243, 30.5450



Tritanopia

122.1200, -8.4402, 47.2528

Trichromacy



Original Color

117.4490, -37.6894, 48.7182

Protanomaly

117.0720, -36.0245, 28.0009

Deuteranomaly

117.3290, -39.1092, 37.4225

Tritanomaly

120.3730, -18.9179, 47.9079

Monochromacy



Original Color

117.4490, -37.6894, 48.7182

Achromatopsia

117.0000, 0.0000, 0.0000

Achromatomaly

116.8530, -13.7315, 17.6689

CSS Examples

Text

The CSS property to change the color of the text to YUV 117.4490, -37.6894, 48.7182 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(173, 104, 41)` looks like.

```
.text, #text, p{  
    color:rgb(173, 104, 41)  
}
```

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(173, 104, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 104, 41) }
```

Border

The CSS property to change the border of an element to YUV 117.4490, -37.6894, 48.7182 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(173, 104, 41) }
```


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

```
.border{ border-color:rgb(173, 104, 41) }
```

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

Here you see how a box with a 4 pixel rgb(173, 104, 41) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 104, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 104, 41);  
box-shadow:4px 4px 4px 4px rgb(173, 104,  
41) }
```

Background

The CSS property to change the background color of an element to YUV 117.4490, -37.6894, 48.7182 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 104, 41) }
```

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

```
.background{ background-color: rgb(173,  
104, 41) }
```

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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