

Converting Colors

YUV(115.9130, -48.2711,
36.0333)

Have a look what the booklet for
YUV(115.9130, -48.2711, 36.0333)
contains.

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Color

**YUV(115.9130, -48.2711,
36.0333)**

Conversions

Conversions Part 1

Format	Color
Hex	9D7212
RGB	157, 114, 18
RGB Percent	62%, 45%, 7%
CMY	0.3843, 0.5529, 0.9294
CMYK	0.00, 0.27, 0.89, 0.38
HSL	41°, 79%, 34%
HSV	41°, 89%, 62%
XYZ	20.0311, 19.2464, 3.2314
YIQ	115.9130, 56.4440, -20.7400

Conversions

Conversions Part 2

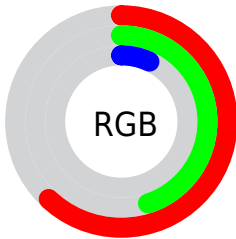
Format	Color
RYB	80, 157, 18
Decimal	10318354
CIELab	50.97, 8.87, 53.55
CIELCh	51, 54.280, 80.598
Yxy	19.2464, 0.4712, 0.4528
Android (android.graphics.Color)	4288508434 (0xFF9D7212)
YUV	115.9130, -48.2711, 36.0333
Hunter-Lab	43.8707, 4.7283, 26.3423

Details

The YUV color **115.9130, -48.2711, 36.0333** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **59.0870, 48.2711, -36.0333**, and the grayscale version is **116.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **170.3480, -47.9926, 40.0368**, and **68.9410, -33.9879, 28.1157** is the 20% darker color. If you saturate the color by 10%, you get **111.1540, -53.8129, 40.2069**, and if you desaturate by 10%, it is **120.6720, -42.7293, 31.8597**.

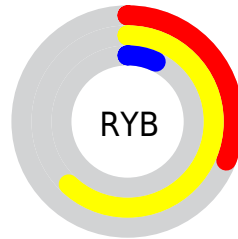
Distribution



Red (62%)

Green (45%)

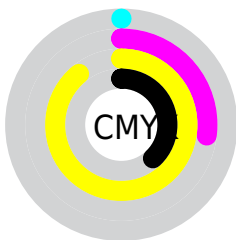
Blue (7%)



Red (31%)

Yellow (62%)

Blue (7%)

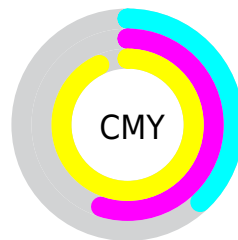


Cyan (0%)

Magenta (27%)

Yellow (89%)

Black (38%)



Cyan (38%)

Magenta (55%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the YUV color 115.9130, -48.2711, 36.0333 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 115.9130, -48.2711, 36.0333 by changing the saturation by 10% instead.

■ 115.9130,
-48.2711, 36.0333

■ 115.9130,
-48.2711, 36.0333

■ 255.0000, 0.0000,
0.0000

■ 91.4010, -45.0607,
32.9743

■ 170.3480,
-47.9926, 40.0368

■ 68.9410, -33.9879,
28.1157

■ 198.1310,
-48.8716, 41.9811

■ 47.9540, -23.6413,
22.8423

■ 219.6350,
-46.6551, 31.0151

■ 28.1410, -13.8735,
16.5393

■ 239.7360,
-43.2538, 13.3865

■ 6.8770, -3.3904,
14.1399

■ 246.4500,
-32.7599, 7.4983

■ 0.0000, 0.0000,
0.0000

■ 249.6420,

-20.5295, 4.6990

252.9480, -7.8624,
1.7996

115.9130,
-48.2711, 36.0333

115.9130,
-48.2711, 36.0333

111.1540,
-53.8129, 40.2069

120.6720,
-42.7293, 31.8597

110.3390,
-54.3971, 40.9217

125.3170,
-37.6243, 27.7860

130.0760,
-32.0825, 23.6123

134.2480,
-26.2513, 19.9535

139.0070,
-20.7095, 15.7799

■ 143.6520,
-15.6044, 11.7062

■ 148.4110,
-10.0626, 7.5326

■ 153.1700, -4.5208,
3.3589

■ 157.8150, 0.5842,
-0.7148

Harmonies

Analogous

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



117.9760, -33.5122, 62.2880



115.9130, -48.2711, 36.0333



112.3170, -44.5263, 1.4760

Triad

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



115.9130, -48.2711, 36.0333



101.3830, 25.4472, -88.9129



125.1360, 27.5410, 33.2067

Complementary

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



115.9130, -48.2711, 36.0333



59.0870, 48.2711, -36.0333

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.



119.1380, 44.3020, -22.9230



115.9130, -48.2711, 36.0333



104.0680, 43.3505, -91.2676

Square

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



115.9130, -48.2711, 36.0333



95.3240, 4.7703, -83.5991



101.1790, 55.1278, -88.7340



120.4210, 8.6664, 67.1598

Rectangle

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



115.9130, -48.2711, 36.0333



107.6970, -30.9096, -26.0443



101.1790, 55.1278, -88.7340



125.1170, 32.9733, 17.4374

Sweetspot

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



115.9130, -48.2711, 36.0333



187.7510, -19.1042, 14.2504



64.5770, -1.2705, 81.0550



92.3680, -11.5204, 8.4473



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000

Same Dimension

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



115.9130, -48.2711, 36.0333



143.7630, -70.8752, 52.8278



133.6790, -57.0297, -1.4725



76.9140, -2.9156, 1.8294



100.8700, -49.7289, 36.9480



10.9420, -5.3944, 3.5589

Inverse Universe

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



59.0870, 48.2711, -36.0333



60.2370, 70.8752, -52.8278



41.3210, 57.0297, 1.4725



73.6730, 2.6262, -2.3442



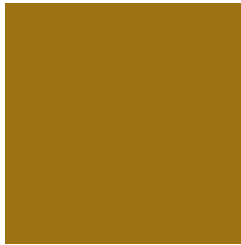
42.1300, 49.7289, -36.9480



4.6450, 5.1050, -4.0737

Previews

White Background



This preview shows how the YUV color 115.9130, -48.2711, 36.0333 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 115.9130, -48.2711, 36.0333 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 115.9130, -48.2711, 36.0333

Background



This preview shows how black text looks on a background with the YUV color 115.9130, -48.2711, 36.0333.



This preview shows how white text looks on a background with the YUV color 115.9130, -48.2711,

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

115.9130, -48.2711, 36.0333

Protanopia

114.8570, -46.7645, 19.4194

Deuteranopia

115.4890, -48.5551, 33.7741



Tritanopia

123.6560, -4.7604, 33.6277

Trichromacy



Original Color

115.9130, -48.2711, 36.0333

Protanomaly

115.0750, -47.3650, 25.3672

Deuteranomaly

115.7880, -48.7025, 34.3889

Tritanomaly

120.8290, -20.6217, 34.3530

Monochromacy



Original Color

115.9130, -48.2711, 36.0333

Achromatopsia

116.0000, 0.0000, 0.0000

Achromatomaly

115.7940, -17.6464, 13.3357

CSS Examples

Text

The CSS property to change the color of the text to YUV 115.9130, -48.2711, 36.0333 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(157, 114, 18)` looks like.

```
.text, #text, p{  
    color:rgb(157, 114, 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(157, 114, 18) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 114, 18) }
```

Border

The CSS property to change the border of an element to YUV 115.9130, -48.2711, 36.0333 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(157, 114, 18) }
```


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

```
.border{ border-color:rgb(157, 114, 18) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 114, 18)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 114, 18); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 114, 18);  
box-shadow:4px 4px 4px 4px rgb(157, 114,  
18) }
```

Background

The CSS property to change the background color of an element to YUV 115.9130, -48.2711, 36.0333 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 114, 18) }
```

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

```
.background{ background-color: rgb(157,  
114, 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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