

Converting Colors

YUV(116.7060, -37.3231,
71.2948)

Have a look what the booklet for
YUV(116.7060, -37.3231, 71.2948)
contains.

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Color

**YUV(116.7060, -37.3231,
71.2948)**

Conversions

Conversions Part 1

Format	Color
Hex	C65A29
RGB	198, 90, 41
RGB Percent	78%, 35%, 16%
CMY	0.2235, 0.6471, 0.8392
CMYK	0.00, 0.55, 0.79, 0.22
HSL	19°, 66%, 47%
HSV	19°, 79%, 78%
XYZ	27.3451, 19.4782, 4.4162
YIQ	116.7060, 80.0970, 7.6570

Conversions

Conversions Part 2

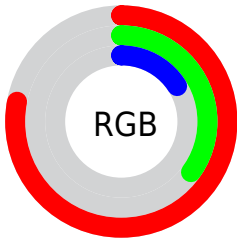
Format	Color
R _Y B	198, 112, 41
Decimal	12999209
CIE Lab	51.24, 40.24, 47.22
CIE LCh	51, 62.040, 49.560
Yxy	19.4782, 0.5337, 0.3801
Android (android.graphics.Color)	4291189289 (0xFFC65A29)
YUV	116.7060, -37.3231, 71.2948
Hunter-Lab	44.1341, 33.3624, 24.9611

Details

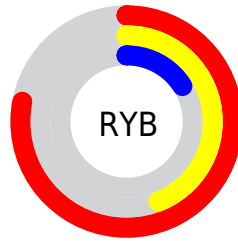
The YUV color **116.7060, -37.3231, 71.2948** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted red. A complement of this color would be **122.2940, 37.3231, -71.2948**, and the grayscale version is **117.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **170.4460, -39.6599, 74.1539**, and **63.8560, -31.4810, 64.1473** is the 20% darker color. If you saturate the color by 10%, you get **106.2080, -42.0075, 80.5016**, and if you desaturate by 10%, it is **127.2040, -32.6386, 62.0881**.

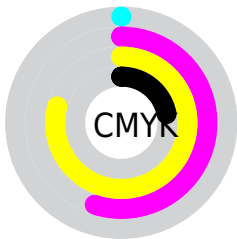
Distribution



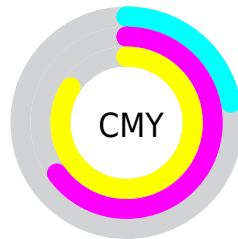
- Red (78%)
- Green (35%)
- Blue (16%)



- Red (78%)
- Yellow (44%)
- Blue (16%)



- Cyan (0%)
- Magenta (55%)
- Yellow (79%)
- Black (22%)



- Cyan (22%)
- Magenta (65%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YUV color 116.7060, -37.3231, 71.2948 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 116.7060, -37.3231, 71.2948 by changing the saturation by 10% instead.

■ 116.7060,
-37.3231, 71.2948

■ 116.7060,
-37.3231, 71.2948

■ 255.0000, 0.0000,
0.0000

■ 89.3250, -36.1492,
68.1210

■ 170.4460,
-39.6599, 74.1539

■ 63.8560, -31.4810,
64.1473

■ 189.1450,
-36.5535, 57.7548

■ 36.9880, -18.2351,
62.2775

■ 208.5450,
-33.2997, 40.7410

■ 23.3220, -11.4977,
47.9526

■ 228.0590,
-29.6091, 23.6273

■ 15.6620, -7.2284,
31.8684

■ 248.2740,
-25.7711, 5.8987

■ 1.7940, -0.8844,
3.6887

■ 251.4660,

■ 0.0000, 0.0000,

-13.5407, 3.0993

0.0000

254.7720, -0.8736,
0.2000

■ 116.7060,
-37.3231, 71.2948

■ 116.7060,
-37.3231, 71.2948

■ 106.2080,
-42.0075, 80.5016

■ 127.2040,
-32.6386, 62.0881

■ 96.2970, -46.9814,
89.1935

■ 137.1150,
-27.6647, 53.3961

■ 95.5960, -47.1288,
89.8083

■ 147.4990,
-23.4170, 44.2894

■ 157.4100,
-18.4431, 35.5974

■ 167.9080,
-13.7586, 26.3907

■ 178.4060, -9.0742,
17.1839

■ 188.3170, -4.1003,
8.4920

■ 198.7010, 0.1474,
-0.6148

■ 209.1990, 4.8319,
-9.8215

Harmonies

Analogous

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



115.3470, -12.4961, 88.2727



116.7060, -37.3231, 71.2948



114.7690, -56.5811, 41.4216

Triad

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



116.7060, -37.3231, 71.2948



96.6290, 2.1549, -84.7436



117.1350, 52.1914, -33.4444

Complementary

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



116.7060, -37.3231, 71.2948



122.2940, 37.3231, -71.2948

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.



104.5360, 60.3748, -91.6781



116.7060, -37.3231, 71.2948



103.4860, 25.8894, -90.7572

Square

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



116.7060, -37.3231, 71.2948



100.0960, -26.1763, -50.9502



106.9690, 46.8503, -93.8118



125.2380, 32.9137, 36.6253

Rectangle

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



116.7060, -37.3231, 71.2948



112.5440, -55.4842, 16.1859



106.9690, 46.8503, -93.8118



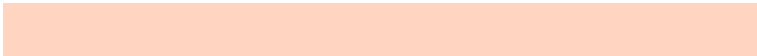
98.0790, 63.5581, -86.0153

Sweetspot

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



116.7060, -37.3231, 71.2948



223.3920, -14.4903, 27.7202



100.4830, 24.9049, 85.5224



108.5200, -8.6374, 17.0840



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



116.7060, -37.3231, 71.2948



129.3830, -57.3768, 110.1661



161.9050, -59.6062, 31.6553



94.4520, -2.1948, 3.9886



78.6740, -38.7863, 73.9539



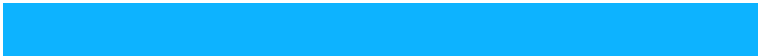
17.2210, -8.4900, 16.4692

Inverse Universe

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



122.2940, 37.3231, -71.2948



138.0300, 57.6662, -109.6513



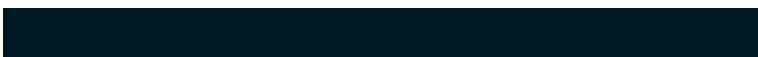
77.0950, 59.6062, -31.6553



94.5480, 2.1948, -3.9886



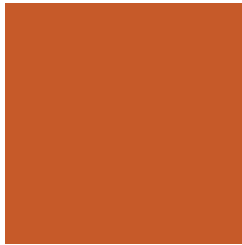
84.3260, 38.7863, -73.9539



18.7790, 8.4900, -16.4692

Previews

White Background



This preview shows how the YUV color 116.7060, -37.3231, 71.2948 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 116.7060, -37.3231, 71.2948 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 116.7060, -37.3231, 71.2948 Background



This preview shows how black text looks on a background with the YUV color 116.7060, -37.3231, 71.2948.



This preview shows how white text looks on a background with the YUV color 116.7060, -37.3231, 71.2948.

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

116.7060, -37.3231, 71.2948

Protanopia

118.8640, -33.9500, 15.9053

Deuteranopia

117.7860, -42.2925, 31.7597



Tritanopia

119.9550, -14.7678, 70.1995

Trichromacy



Original Color

116.7060, -37.3231, 71.2948

Protanomaly

118.0560, -35.0306, 35.9079

Deuteranomaly

117.6290, -40.7361, 45.9294

Tritanomaly

118.7780, -23.0616, 70.3547

Monochromacy



Original Color

116.7060, -37.3231, 71.2948

Achromatopsia

117.0000, 0.0000, 0.0000

Achromatomaly

116.6090, -13.6112, 25.7759

CSS Examples

Text

The CSS property to change the color of the text to YUV 116.7060, -37.3231, 71.2948 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(198, 90, 41)` looks like.

```
.text, #text, p{  
    color:rgb(198, 90, 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(198, 90, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 90, 41) }
```

Border

The CSS property to change the border of an element to YUV 116.7060, -37.3231, 71.2948 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(198, 90, 41) }
```


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

```
.border{ border-color:rgb(198, 90, 41) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 90, 41)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 90, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 90, 41);  
box-shadow:4px 4px 4px 4px rgb(198, 90,  
41) }
```

Background

The CSS property to change the background color of an element to YUV 116.7060, -37.3231, 71.2948 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 90, 41) }
```

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

```
.background{ background-color: rgb(198, 90,  
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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