

Converting Colors

YUV(114.5700, -37.7490,
67.9061)

Have a look what the booklet for
YUV(114.5700, -37.7490, 67.9061)
contains.

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Color

**YUV(114.5700, -37.7490,
67.9061)**

Conversions

Conversions Part 1

Format	Color
Hex	C05A26
RGB	192, 90, 38
RGB Percent	75%, 35%, 15%
CMY	0.2471, 0.6471, 0.8510
CMYK	0.00, 0.53, 0.80, 0.25
HSL	20°, 67%, 45%
HSV	20°, 80%, 75%
XYZ	25.7442, 18.6587, 4.0783
YIQ	114.5700, 77.4840, 5.4520

Conversions

Conversions Part 2

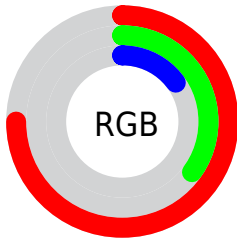
Format	Color
RYB	192, 117, 38
Decimal	12605990
CIELab	50.29, 37.79, 47.37
CIELCh	50, 60.598, 51.415
Yxy	18.6587, 0.5310, 0.3849
Android (android.graphics.Color)	4290796070 (0xFFC05A26)
YUV	114.5700, -37.7490, 67.9061
Hunter-Lab	43.1958, 30.7916, 24.6391

Details

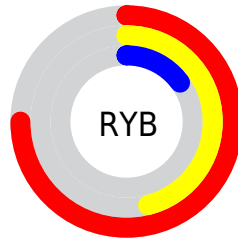
The YUV color **114.5700, -37.7490, 67.9061** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted red. A complement of this color would be **115.4300, 37.7490, -67.9061**, and the grayscale version is **115.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **169.2180, -40.5335, 74.3538**, and **62.9480, -31.0334, 60.5586** is the 20% darker color. If you saturate the color by 10%, you get **104.7730, -42.2861, 76.4981**, and if you desaturate by 10%, it is **124.3670, -33.2119, 59.3141**.

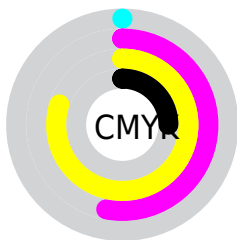
Distribution



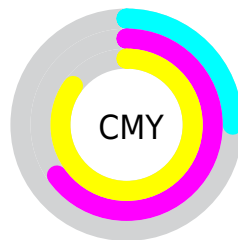
- Red (75%)
- Green (35%)
- Blue (15%)



- Red (75%)
- Yellow (46%)
- Blue (15%)



- Cyan (0%)
- Magenta (53%)
- Yellow (80%)
- Black (25%)



- Cyan (25%)
- Magenta (65%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YUV color 114.5700, -37.7490, 67.9061 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 114.5700, -37.7490, 67.9061 by changing the saturation by 10% instead.

■ 114.5700,
-37.7490, 67.9061

■ 114.5700,
-37.7490, 67.9061

■ 255.0000, 0.0000,
0.0000

■ 87.9610, -37.4488,
64.9322

■ 169.2180,
-40.5335, 74.3538

■ 62.9480, -31.0334,
60.5586

■ 188.2160,
-37.5745, 58.5696

■ 36.9550, -18.2188,
57.0445

■ 207.6160,
-34.3207, 41.5558

■ 21.8270, -10.7607,
44.8787

■ 227.1300,
-30.6301, 24.4420

■ 14.8790, -6.3493,
29.9241

■ 247.3450,
-26.7921, 6.7134

■ 0.0000, 0.0000,
0.0000

■ 251.1240,

-14.8511, 3.3993

254.4300, -2.1840,
0.4999

■ 114.5700,
-37.7490, 67.9061

■ 114.5700,
-37.7490, 67.9061

■ 104.7730,
-42.2861, 76.4981

■ 124.3670,
-33.2119, 59.3141

■ 95.5630, -47.1126,
84.5752

■ 133.5770,
-28.3855, 51.2370

■ 143.4880,
-23.4116, 42.5450

■ 153.2850,
-18.8745, 33.9531

■ 163.0820,
-14.3374, 25.3611

■ 172.2920, -9.5110,
17.2839

■ 182.0890, -4.9739,
8.6919

■ 192.0000, 0.0000,
0.0000

■ 201.2100, 4.8265,
-8.0772

Harmonies

Analogous

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



112.9830, -13.7956, 85.0839



114.5700, -37.7490, 67.9061



112.3880, -55.4073, 38.2477

Triad

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



114.5700, -37.7490, 67.9061



95.0960, 3.8967, -83.3992



116.3810, 49.1122, -25.7671

Complementary

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



114.5700, -37.7490, 67.9061



115.4300, 37.7490, -67.9061

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.



101.6180, 59.3483, -89.1190



114.5700, -37.7490, 67.9061



101.7250, 26.7576, -89.2128

Square

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



114.5700, -37.7490, 67.9061



97.1710, -23.2553, -54.5240



104.9800, 46.8449, -92.0675



122.6790, 30.7243, 38.8695

Rectangle

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



114.5700, -37.7490, 67.9061



110.4620, -54.4578, 13.6268



104.9800, 46.8449, -92.0675



101.7390, 59.2887, -69.9311

Sweetspot

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



114.5700, -37.7490, 67.9061



219.6800, -14.6322, 26.5906



95.7880, 22.2895, 84.3779



106.8080, -8.7793, 15.9544



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



114.5700, -37.7490, 67.9061



129.3070, -58.8184, 105.8478



159.1820, -59.7427, 28.7814



91.7510, -2.3422, 4.6034



79.8370, -39.3596, 71.1800



16.3240, -8.0477, 14.6249

Inverse Universe

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



115.4300, 37.7490, -67.9061



130.6930, 58.8184, -105.8478



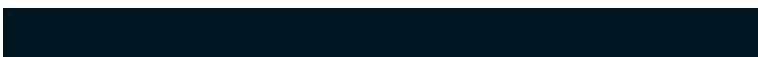
70.8180, 59.7427, -28.7814



92.2490, 2.3422, -4.6034



80.5760, 39.6490, -70.6652



16.6760, 8.0477, -14.6249

Previews

White Background



This preview shows how the YUV color 114.5700, -37.7490, 67.9061 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 114.5700, -37.7490, 67.9061 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 114.5700, -37.7490, 67.9061 Background



This preview shows how black text looks on a background with the YUV color 114.5700, -37.7490, 67.9061.



This preview shows how white text looks on a background with the YUV color 114.5700, -37.7490,

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

114.5700, -37.7490, 67.9061

Protanopia

115.7500, -34.3867, 16.0053

Deuteranopia

115.4870, -42.1451, 31.1449



Tritanopia

118.1610, -13.8834, 66.5108

Trichromacy



Original Color

114.5700, -37.7490, 67.9061

Protanomaly

115.2300, -35.6094, 34.8783

Deuteranomaly

115.0310, -40.4413, 44.6998

Tritanomaly

116.8700, -22.6139, 66.7660

Monochromacy



Original Color

114.5700, -37.7490, 67.9061

Achromatopsia

115.0000, 0.0000, 0.0000

Achromatomaly

114.8970, -13.7532, 24.6463

CSS Examples

Text

The CSS property to change the color of the text to YUV 114.5700, -37.7490, 67.9061 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(192, 90, 38)` looks like.

```
.text, #text, p{  
    color:rgb(192, 90, 38)  
}
```

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(192, 90, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 90, 38) }
```

Border

The CSS property to change the border of an element to YUV 114.5700, -37.7490, 67.9061 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(192, 90, 38) }
```


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

```
.border{ border-color:rgb(192, 90, 38) }
```

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

Here you see how a box with a 4 pixel rgb(192, 90, 38) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 90, 38); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 90, 38);  
box-shadow:4px 4px 4px 4px rgb(192, 90,  
38) }
```

Background

The CSS property to change the background color of an element to YUV 114.5700, -37.7490, 67.9061 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 90, 38) }
```

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

```
.background{ background-color: rgb(192, 90,  
38) }
```

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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