

Converting Colors

YUV(118.0710, -37.5030,
82.3757)

Have a look what the booklet for
YUV(118.0710, -37.5030, 82.3757)
contains.

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Color

**YUV(118.0710, -37.5030,
82.3757)**

Conversions

Conversions Part 1

Format	Color
Hex	D4552A
RGB	212, 85, 42
RGB Percent	83%, 33%, 16%
CMY	0.1686, 0.6667, 0.8353
CMYK	0.00, 0.60, 0.80, 0.17
HSL	15°, 67%, 50%
HSV	15°, 80%, 83%
XYZ	30.8178, 20.6612, 4.5542
YIQ	118.0710, 89.4950, 13.5510

Conversions

Conversions Part 2

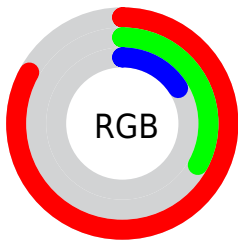
Format	Color
R _Y B	212, 100, 42
Decimal	13915434
CIE Lab	52.58, 47.91, 48.81
CIE LCh	53, 68.394, 45.534
Yxy	20.6612, 0.5500, 0.3687
Android (android.graphics.Color)	4292105514 (0xFFD4552A)
YUV	118.0710, -37.5030, 82.3757
Hunter-Lab	45.4546, 41.4757, 25.8778

Details

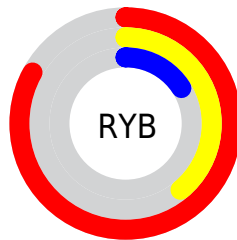
The YUV color **118.0710, -37.5030, 82.3757** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark washed red. A complement of this color would be **135.9290, 37.5030, -82.3757**, and the grayscale version is **118.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **168.2120, -38.0655, 76.1131**, and **61.8730, -30.5034, 77.2874** is the 20% darker color. If you saturate the color by 10%, you get **106.2850, -42.0455, 92.7121**, and if you desaturate by 10%, it is **129.8570, -32.9605, 72.0394**.

Distribution



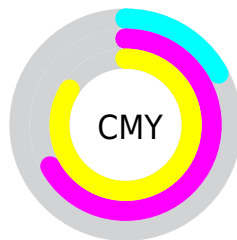
- Red (83%)
- Green (33%)
- Blue (16%)



- Red (83%)
- Yellow (39%)
- Blue (16%)



- Cyan (0%)
- Magenta (60%)
- Yellow (80%)
- Black (17%)



- Cyan (17%)
- Magenta (67%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YUV color 118.0710, -37.5030, 82.3757 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 118.0710, -37.5030, 82.3757 by changing the saturation by 10% instead.

■ 118.0710,
-37.5030, 82.3757

■ 118.0710,
-37.5030, 82.3757

255.0000, 0.0000,
0.0000

■ 90.1030, -36.0398,
79.7167

■ 168.2120,
-38.0655, 76.1131

■ 61.8730, -30.5034,
77.2874

■ 186.9110,
-34.9591, 59.7141

■ 35.5810, -17.5414,
73.1585

■ 206.3110,
-31.7053, 42.7003

■ 26.6110, -13.1192,
54.7152

■ 226.4120,
-28.3041, 25.0717

■ 18.3530, -8.5550,
37.4014

■ 246.6270,
-24.4661, 7.3431

■ 8.7850, -3.8380,
17.7286

■ 251.5800,

■ 0.0000, 0.0000,

-13.1039, 2.9993

0.0000

254.8860, -0.4368,
0.1000

■ 118.0710,
-37.5030, 82.3757

■ 118.0710,
-37.5030, 82.3757

■ 106.2850,
-42.0455, 92.7121

■ 129.8570,
-32.9605, 72.0394

■ 95.0860, -46.8774,
102.5336

■ 141.6430,
-28.4180, 61.7031

■ 153.5430,
-23.4387, 51.2668

■ 164.7420,
-18.6068, 41.4453

■ 176.5280,
-14.0643, 31.1089

■ 188.3140, -9.5218,
20.7726

■ 200.1000, -4.9793,
10.4363

■ 212.0000, 0.0000,
0.0000

■ 223.7860, 4.5425,
-10.3363

Harmonies

Analogous

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



114.5640, -8.1661, 99.4834



118.0710, -37.5030, 82.3757



118.0690, -58.2080, 49.9285

Triad

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



118.0710, -37.5030, 82.3757



98.7660, -2.3496, -86.6178



110.9340, 63.6295, -62.2091

Complementary

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



118.0710, -37.5030, 82.3757



135.9290, 37.5030, -82.3757

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.



109.5400, 64.3168, -96.0666



118.0710, -37.5030, 82.3757



106.8940, 23.7163, -93.7460

Square

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



118.0710, -37.5030, 82.3757



102.5280, -34.7703, -47.8211



111.2890, 48.1715, -97.6005



128.3390, 39.7659, 32.1517

Rectangle

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



118.0710, -37.5030, 82.3757



117.0070, -57.6845, 21.9189



111.2890, 48.1715, -97.6005



103.4250, 68.8105, -90.7037

Sweetspot

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



118.0710, -37.5030, 82.3757



221.0440, -13.3327, 29.7794



107.4220, 30.8510, 91.7149



107.3460, -8.0586, 18.1136



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.



118.0710, -37.5030, 82.3757



119.6490, -54.0570, 118.7028



167.9660, -62.1012, 38.6178



101.0500, -2.4896, 5.2182



76.3700, -37.6504, 82.9905



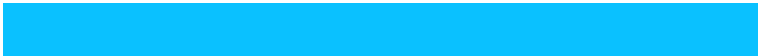
19.3140, -9.5218, 20.7726

Inverse Universe

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



135.9290, 37.5030, -82.3757



145.3510, 54.0570, -118.7028



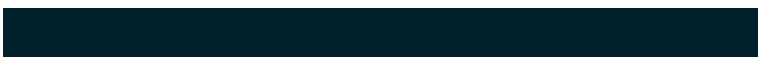
86.6210, 61.8118, -39.1326



101.9500, 2.4897, -5.2181



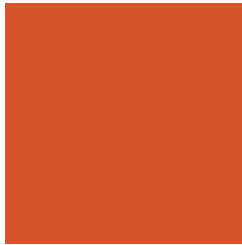
94.6300, 37.6504, -82.9905



23.6860, 9.5218, -20.7726

Previews

White Background



This preview shows how the YUV color 118.0710, -37.5030, 82.3757 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 118.0710, -37.5030, 82.3757 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 118.0710, -37.5030, 82.3757

Background



This preview shows how black text looks on a background with the YUV color 118.0710, -37.5030, 82.3757.



This preview shows how white text looks on a background with the YUV color 118.0710, -37.5030,

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

118.0710, -37.5030, 82.3757

Protanopia

121.8640, -33.9500, 15.9053

Deuteranopia

121.5150, -44.6239, 32.8743



Tritanopia

120.6360, -17.5685, 81.8802

Trichromacy



Original Color

118.0710, -37.5030, 82.3757

Protanomaly

120.3770, -35.1889, 40.0114

Deuteranomaly

120.0210, -41.9154, 50.8476

Tritanomaly

119.6870, -24.9887, 81.8355

Monochromacy



Original Color

118.0710, -37.5030, 82.3757

Achromatopsia

118.0000, 0.0000, 0.0000

Achromatomaly

117.9300, -13.7695, 29.8794

CSS Examples

Text

The CSS property to change the color of the text to YUV 118.0710, -37.5030, 82.3757 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(212, 85, 42)` looks like.

```
.text, #text, p{  
    color:rgb(212, 85, 42)  
}
```

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(212, 85, 42) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 85, 42) }
```

Border

The CSS property to change the border of an element to YUV 118.0710, -37.5030, 82.3757 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(212, 85, 42) }
```


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

```
.border{ border-color:rgb(212, 85, 42) }
```

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

Here you see how a box with a 4 pixel rgb(212, 85, 42) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 85, 42); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 85, 42);  
box-shadow:4px 4px 4px 4px rgb(212, 85,  
42) }
```

Background

The CSS property to change the background color of an element to YUV 118.0710, -37.5030, 82.3757 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 85, 42) }
```

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

```
.background{ background-color: rgb(212, 85,  
42) }
```

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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