

Converting Colors

YUV(118.0650, -35.0350,
84.1350)

Have a look what the booklet for
YUV(118.0650, -35.0350, 84.1350)
contains.

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Color

**YUV(118.0650, -35.0350,
84.1350)**

Conversions

Conversions Part 1

Format	Color
Hex	D6532F
RGB	214, 83, 47
RGB Percent	84%, 33%, 18%
CMY	0.1608, 0.6745, 0.8157
CMYK	0.00, 0.61, 0.78, 0.16
HSL	13°, 67%, 51%
HSV	13°, 78%, 84%
XYZ	31.3379, 20.6879, 5.0308
YIQ	118.0650, 89.6320, 16.5760

Conversions

Conversions Part 2

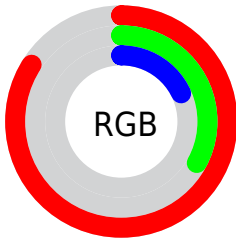
Format	Color
R_{YB}	214, 93, 47
Decimal	14045999
CIE _{Lab}	52.61, 49.70, 46.52
CIE _{LCh}	53, 68.077, 43.105
Yxy	20.6879, 0.5492, 0.3626
Android (android.graphics.Color)	4292236079 (0xFFD6532F)
YUV	118.0650, -35.0350, 84.1350
Hunter-Lab	45.4839, 43.3875, 25.2809

Details

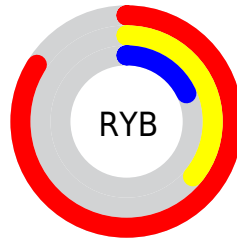
The YUV color **118.0650, -35.0350, 84.1350** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark washed red. A complement of this color would be **142.9350, 35.0350, -84.1350**, and the grayscale version is **118.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **167.4940, -35.7395, 76.7428**, and **60.1230, -29.6406, 80.5761** is the 20% darker color. If you saturate the color by 10%, you get **105.6920, -39.2882, 94.9861**, and if you desaturate by 10%, it is **130.4380, -30.7819, 73.2839**.

Distribution



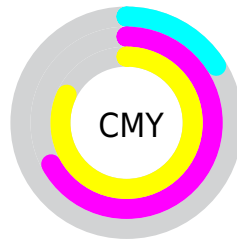
- Red (84%)
- Green (33%)
- Blue (18%)



- Red (84%)
- Yellow (36%)
- Blue (18%)



- Cyan (0%)
- Magenta (61%)
- Yellow (78%)
- Black (16%)



- Cyan (16%)
- Magenta (67%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YUV color 118.0650, -35.0350, 84.1350 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 118.0650, -35.0350, 84.1350 by changing the saturation by 10% instead.

■ 118.0650,
-35.0350, 84.1350

■ 118.0650,
-35.0350, 84.1350

255.0000, 0.0000,
0.0000

■ 90.2110, -33.1350,
81.3760

■ 167.4940,
-35.7395, 76.7428

■ 60.1230, -29.6406,
80.5761

■ 186.8940,
-32.4857, 59.7290

■ 36.1790, -17.8362,
74.3880

■ 206.2940,
-29.2319, 42.7152

■ 27.2090, -13.4140,
55.9447

■ 226.3950,
-25.8307, 25.0866

■ 18.9510, -8.8498,
38.6310

■ 246.6100,
-21.9927, 7.3580

■ 9.6820, -4.2802,
19.5729

■ 252.1500,

■ 0.0000, 0.0000,

-10.9200, 2.4994

0.0000

■ 118.0650,
-35.0350, 84.1350

■ 118.0650,
-35.0350, 84.1350

■ 105.6920,
-39.2882, 94.9861

■ 130.4380,
-30.7819, 73.2839

■ 93.2050, -43.9781,
105.9372

■ 142.9250,
-26.0920, 62.3328

■ 90.9880, -44.8571,
107.8815

■ 154.7110,
-21.5495, 51.9965

■ 167.1980,
-16.8596, 41.0454

■ 179.5710,
-12.6065, 30.1942

■ 191.9440, -8.3534,
19.3431

■ 204.4310, -3.6635,
8.3920

■ 216.2170, 0.8790,
-1.9443

■ 228.7040, 5.5689,
-12.8954

Harmonies

Analogous

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



115.1340, -5.9821, 98.9835



118.0650, -35.0350, 84.1350



118.3790, -58.3608, 52.2876

Triad

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



118.0650, -35.0350, 84.1350



98.1960, -4.5336, -86.1179



100.1480, 68.9470, -87.8298

Complementary

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



118.0650, -35.0350, 84.1350



142.9350, 35.0350, -84.1350

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.



109.8990, 63.1538, -96.3814



118.0650, -35.0350, 84.1350



106.3240, 21.5323, -93.2461

Square

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



118.0650, -35.0350, 84.1350



104.0620, -37.9916, -41.2734



111.4200, 46.1349, -97.7153



128.6480, 41.0925, 26.6187

Rectangle

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



118.0650, -35.0350, 84.1350



117.0290, -57.6953, 25.4076



111.4200, 46.1349, -97.7153



104.5990, 68.2317, -91.7333

Sweetspot

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



118.0650, -35.0350, 84.1350



221.2720, -12.4591, 29.5795



112.2090, 33.9140, 89.2707



106.8730, -7.3324, 18.5284



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.



118.0650, -35.0350, 84.1350



117.2840, -50.4260, 120.7769



165.6120, -58.4757, 42.4363



101.0500, -2.4896, 5.2182



72.8480, -35.9141, 86.0793



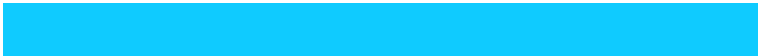
18.1400, -8.9430, 21.8022

Inverse Universe

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



142.9350, 35.0350, -84.1350



152.7160, 50.4260, -120.7769



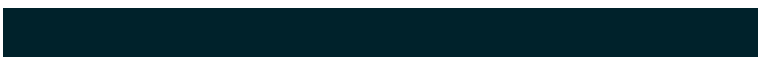
95.3880, 58.4757, -42.4363



102.5370, 2.2003, -5.7329



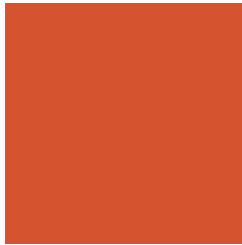
98.1520, 35.9141, -86.0793



24.8600, 8.9430, -21.8022

Previews

White Background



This preview shows how the YUV color 118.0650, -35.0350, 84.1350 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 118.0650, -35.0350, 84.1350 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 118.0650, -35.0350, 84.1350

Background



This preview shows how black text looks on a background with the YUV color 118.0650, -35.0350, 84.1350.



This preview shows how white text looks on a background with the YUV color 118.0650, -35.0350, 84.1350.

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

118.0650, -35.0350, 84.1350

Protanopia

122.5480, -31.3292, 15.3054

Deuteranopia

121.9000, -41.8557, 31.6597



Tritanopia

120.1200, -18.3002, 83.2098

Trichromacy



Original Color

118.0650, -35.0350, 84.1350

Protanomaly

120.7730, -32.4261, 40.5411

Deuteranomaly

120.7050, -39.2946, 50.2477

Tritanomaly

119.2250, -24.2679, 83.9947

Monochromacy



Original Color

118.0650, -35.0350, 84.1350

Achromatopsia

118.0000, 0.0000, 0.0000

Achromatomaly

117.8700, -12.7539, 30.8090

CSS Examples

Text

The CSS property to change the color of the text to YUV 118.0650, -35.0350, 84.1350 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(214, 83, 47)` looks like.

```
.text, #text, p{  
    color:rgb(214, 83, 47)  
}
```

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(214, 83, 47) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 83, 47) }
```

Border

The CSS property to change the border of an element to YUV 118.0650, -35.0350, 84.1350 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(214, 83, 47) }
```


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

```
.border{ border-color:rgb(214, 83, 47) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 83, 47)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 83, 47); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 83, 47);  
box-shadow:4px 4px 4px 4px rgb(214, 83,  
47) }
```

Background

The CSS property to change the background color of an element to YUV 118.0650, -35.0350, 84.1350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 83, 47) }
```

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

```
.background{ background-color: rgb(214, 83,  
47) }
```

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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