

Converting Colors

YUV(116.6840, -33.8612,
80.9611)

Have a look what the booklet for
YUV(116.6840, -33.8612, 80.9611)
contains.

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Color

**YUV(116.6840, -33.8612,
80.9611)**

Conversions

Conversions Part 1

Format	Color
Hex	D15330
RGB	209, 83, 48
RGB Percent	82%, 33%, 19%
CMY	0.1804, 0.6745, 0.8118
CMYK	0.00, 0.60, 0.77, 0.18
HSL	13°, 64%, 50%
HSV	13°, 77%, 82%
XYZ	29.9213, 19.9552, 5.0710
YIQ	116.6840, 86.3310, 15.8270

Conversions

Conversions Part 2

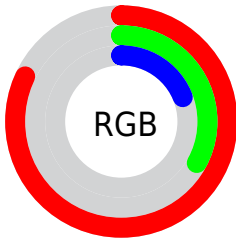
Format	Color
R _Y B	209, 93, 48
Decimal	13718320
CIE Lab	51.79, 47.95, 44.92
CIE LCh	52, 65.702, 43.128
Yxy	19.9552, 0.5445, 0.3632
Android (android.graphics.Color)	4291908400 (0xFFD15330)
YUV	116.6840, -33.8612, 80.9611
Hunter-Lab	44.6713, 41.3863, 24.5394

Details

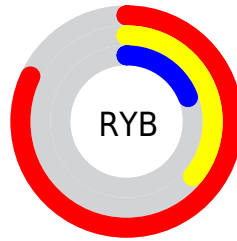
The YUV color **116.6840, -33.8612, 80.9611** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted red. A complement of this color would be **140.3160, 33.8612, -80.9611**, and the grayscale version is **117.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **167.6080, -35.3027, 76.6428**, and **59.8020, -29.4824, 76.4726** is the 20% darker color. If you saturate the color by 10%, you get **104.8980, -38.4037, 91.2975**, and if you desaturate by 10%, it is **128.4700, -29.3187, 70.6248**.

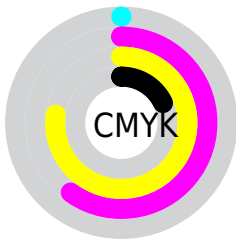
Distribution



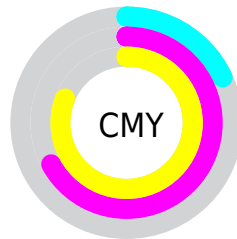
- Red (82%)
- Green (33%)
- Blue (19%)



- Red (82%)
- Yellow (36%)
- Blue (19%)



- Cyan (0%)
- Magenta (60%)
- Yellow (77%)
- Black (18%)



- Cyan (18%)
- Magenta (67%)
- Yellow (81%)

Brightness & Saturation Gradients


These gradients show how the YUV color 116.6840, -33.8612, 80.9611 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 116.6840, -33.8612, 80.9611 by changing the saturation by 10% instead.


 116.6840,
-33.8612, 80.9611


 116.6840,
-33.8612, 80.9611


255.0000, 0.0000,
0.0000


 88.9440, -31.5244,
78.1021


 167.6080,
-35.3027, 76.6428


 59.8020, -29.4824,
76.4726


 186.4210,
-31.7596, 60.1438

 34.9830, -17.2466,
71.9289


 205.8210,
-28.5058, 43.1300

 26.0130, -12.8244,
53.4856

 225.9220,
-25.1045, 25.5014

 18.0540, -8.4076,
36.7866

 246.1370,
-21.2665, 7.7729

 7.5890, -3.2484,
15.2694

 252.2640,

 0.0000, 0.0000,

-10.4832, 2.3995

0.0000

■ 116.6840,
-33.8612, 80.9611

■ 116.6840,
-33.8612, 80.9611

■ 104.8980,
-38.4037, 91.2975

■ 128.4700,
-29.3187, 70.6248

■ 92.5250, -42.6568,
102.1486

■ 140.8430,
-25.0656, 59.7737

■ 88.9060, -43.8307,
105.3224

■ 152.6290,
-20.5231, 49.4374

■ 164.4150,
-15.9806, 39.1010

■ 176.7880,
-11.7275, 28.2499

■ 188.4600, -7.6218,
18.0136

■ 200.2460, -3.0793,
7.6773

■ 212.6190, 1.1738,
-3.1739

■ 224.4050, 5.7163,
-13.5102

Harmonies

Analogous

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



114.5850, -6.6974, 95.0800



116.6840, -33.8612, 80.9611



116.0090, -57.1924, 50.8581

Triad

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



116.6840, -33.8612, 80.9611



96.4350, -3.6655, -84.5735



103.3730, 64.3991, -75.7491

Complementary

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



116.6840, -33.8612, 80.9611



140.3160, 33.8612, -80.9611

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.



108.0410, 61.1118, -94.7520



116.6840, -33.8612, 80.9611



104.2210, 21.0900, -91.4018

Square

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



116.6840, -33.8612, 80.9611



103.8280, -36.3972, -39.3142



109.0890, 44.8191, -95.6711



126.4800, 39.2034, 25.8890

Rectangle

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



116.6840, -33.8612, 80.9611



114.9580, -56.6743, 24.5928



109.0890, 44.8191, -95.6711



102.7410, 66.1897, -90.1039

Sweetspot

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



116.6840, -33.8612, 80.9611



221.2720, -12.4591, 29.5795



110.5030, 31.3040, 86.3819



107.4600, -7.6218, 18.0136



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.



116.6840, -33.8612, 80.9611



120.2020, -49.3996, 118.2178



163.6440, -57.0125, 39.7772



98.4630, -2.2003, 5.7329



71.9510, -35.4718, 84.2350



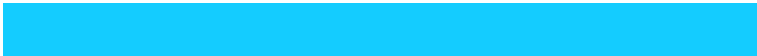
17.5420, -8.6482, 20.5727

Inverse Universe

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



140.3160, 33.8612, -80.9611



154.7980, 49.3996, -118.2178



93.3560, 57.0125, -39.7772



99.9500, 2.4897, -5.2181



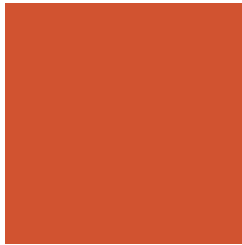
96.6360, 35.1825, -84.7498



23.4580, 8.6482, -20.5727

Previews

White Background



This preview shows how the YUV color 116.6840, -33.8612, 80.9611 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 116.6840, -33.8612, 80.9611 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 116.6840, -33.8612, 80.9611 Background



This preview shows how black text looks on a background with the YUV color 116.6840, -33.8612, 80.9611.



This preview shows how white text looks on a background with the YUV color 116.6840, -33.8612, 80.9611.

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

116.6840, -33.8612, 80.9611

Protanopia

120.5910, -29.8714, 14.3907

Deuteranopia

120.0570, -39.9611, 30.6450



Tritanopia

118.7390, -17.1263, 80.0359

Trichromacy



Original Color

116.6840, -33.8612, 80.9611

Protanomaly

119.1040, -31.1103, 38.4968

Deuteranomaly

118.7480, -37.8368, 49.3330

Tritanomaly

117.8440, -23.0941, 80.8208

Monochromacy



Original Color

116.6840, -33.8612, 80.9611

Achromatopsia

117.0000, 0.0000, 0.0000

Achromatomaly

116.9730, -12.3117, 28.9647

CSS Examples

Text

The CSS property to change the color of the text to YUV 116.6840, -33.8612, 80.9611 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(209, 83, 48)` looks like.

```
.text, #text, p{  
    color:rgb(209, 83, 48)  
}
```

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(209, 83, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 83, 48) }
```

Border

The CSS property to change the border of an element to YUV 116.6840, -33.8612, 80.9611 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(209, 83, 48) }
```


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

```
.border{ border-color:rgb(209, 83, 48) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 83, 48)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 83, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 83, 48);  
box-shadow:4px 4px 4px 4px rgb(209, 83,  
48) }
```

Background

The CSS property to change the background color of an element to YUV 116.6840, -33.8612, 80.9611 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 83, 48) }
```

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

```
.background{ background-color: rgb(209, 83,  
48) }
```

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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