

Converting Colors

YUV(115.4600, -30.7928,
76.7726)

Have a look what the booklet for
YUV(115.4600, -30.7928, 76.7726)
contains.

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Color

**YUV(115.4600, -30.7928,
76.7726)**

Conversions

Conversions Part 1

Format	Color
Hex	CB5335
RGB	203, 83, 53
RGB Percent	80%, 33%, 21%
CMY	0.2039, 0.6745, 0.7922
CMYK	0.00, 0.59, 0.74, 0.20
HSL	12°, 59%, 50%
HSV	12°, 74%, 80%
XYZ	28.3645, 19.1401, 5.5676
YIQ	115.4600, 81.1500, 16.1100

Conversions

Conversions Part 2

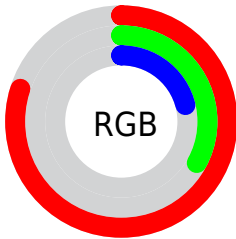
Format	Color
RYB	203, 91, 53
Decimal	13325109
CIELab	50.85, 45.98, 41.03
CIElCh	51, 61.623, 41.741
Yxy	19.1401, 0.5345, 0.3606
Android (android.graphics.Color)	4291515189 (0xFFCB5335)
YUV	115.4600, -30.7928, 76.7726
Hunter-Lab	43.7494, 39.1673, 23.0792

Details

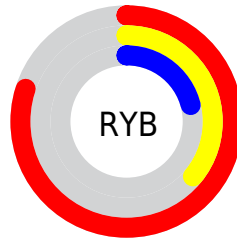
The YUV color **115.4600, -30.7928, 76.7726** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted red. A complement of this color would be **140.5400, 30.7928, -76.7726**, and the grayscale version is **116.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **167.5910, -32.8294, 76.6577**, and **59.6920, -25.9772, 72.1841** is the 20% darker color. If you saturate the color by 10%, you get **103.7880, -34.8985, 87.0089**, and if you desaturate by 10%, it is **127.1320, -26.6871, 66.5362**.

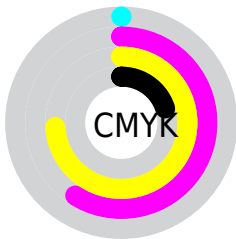
Distribution



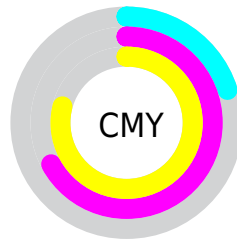
- Red (80%)
- Green (33%)
- Blue (21%)



- Red (80%)
- Yellow (36%)
- Blue (21%)



- Cyan (0%)
- Magenta (59%)
- Yellow (74%)
- Black (20%)





- Cyan (20%)
- Magenta (67%)
- Yellow (79%)

Brightness & Saturation Gradients


These gradients show how the YUV color 115.4600, -30.7928, 76.7726 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 115.4600, -30.7928, 76.7726 by changing the saturation by 10% instead.


 115.4600,
-30.7928, 76.7726


 115.4600,
-30.7928, 76.7726


255.0000, 0.0000,
0.0000

 88.3070, -28.7454,
73.3988


 167.5910,
-32.8294, 76.6577


 59.6920, -25.9772,
72.1841


 186.9910,
-29.5756, 59.6439


 33.4880, -16.5096,
68.8550


 206.3910,
-26.3218, 42.6301

 24.5180, -12.0874,
50.4117

 225.9050,
-22.6312, 25.5163

 16.9720, -7.3812,
34.2276

 246.1200,
-18.7932, 7.7878

 4.7840, -2.3585,
9.8364

 252.8340, -8.2992,

 0.0000, 0.0000,

1.8996

0.0000

■ 115.4600,
-30.7928, 76.7726

■ 115.4600,
-30.7928, 76.7726

■ 103.7880,
-34.8985, 87.0089

■ 127.1320,
-26.6871, 66.5362

■ 92.0020, -39.4410,
97.3452

■ 138.9180,
-22.1446, 56.1999

■ 84.7640, -41.7887,
103.6930

■ 151.1770,
-18.3283, 45.4488

■ 162.8490,
-14.2226, 35.2124

■ 174.6350, -9.6801,
24.8761

■ 186.3070, -5.5744,
14.6398

■ 198.5660, -1.7580,
3.8886

■ 210.2380, 2.3477,
-6.3477

■ 222.0240, 6.8902,
-16.6840

Harmonies

Analogous

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



113.8830, -5.3653, 87.8026



115.4600, -30.7928, 76.7726



113.9380, -56.1714, 50.0434

Triad

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



115.4600, -30.7928, 76.7726



93.7450, -3.8183, -82.2144



102.6680, 60.3097, -70.7458

Complementary

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



115.4600, -30.7928, 76.7726



140.5400, 30.7928, -76.7726

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.



105.0260, 57.1752, -92.1078



115.4600, -30.7928, 76.7726



101.1890, 19.6268, -88.7428

Square

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



115.4600, -30.7928, 76.7726



103.9150, -34.9611, -33.2515



105.6010, 41.6087, -92.6121



124.2900, 37.3250, 21.6707

Rectangle

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



115.4600, -30.7928, 76.7726



113.1970, -55.8061, 26.1372



105.6010, 41.6087, -92.6121



100.4270, 62.4005, -88.0745

Sweetspot

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



115.4600, -30.7928, 76.7726



222.2010, -11.4381, 28.7647



111.5300, 30.3047, 80.2192



108.2750, -7.0376, 17.2988



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.



115.4600, -30.7928, 76.7726



122.2880, -46.4840, 116.3884



159.4850, -52.4971, 38.1627



96.1640, -2.0529, 5.1182



69.0050, -34.0195, 85.0646



16.0580, -7.9166, 19.2431

Inverse Universe

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



140.5400, 30.7928, -76.7726



160.7120, 46.4840, -116.3884



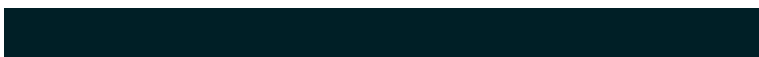
96.5150, 52.4971, -38.1627



97.8360, 2.0529, -5.1182



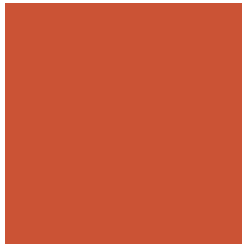
96.9950, 34.0195, -85.0646



22.5290, 7.6272, -19.7579

Previews

White Background



This preview shows how the YUV color 115.4600, -30.7928, 76.7726 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 115.4600, -30.7928, 76.7726 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 115.4600, -30.7928, 76.7726

Background



This preview shows how black text looks on a background with the YUV color 115.4600, -30.7928, 76.7726.



This preview shows how white text looks on a background with the YUV color 115.4600, -30.7928,

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

115.4600, -30.7928, 76.7726

Protanopia

119.0900, -26.6664, 13.0761

Deuteranopia

118.6700, -36.3193, 29.2304



Tritanopia

116.9450, -16.2419, 76.3472

Trichromacy



Original Color

115.4600, -30.7928, 76.7726

Protanomaly

117.8910, -28.0473, 36.0526

Deuteranomaly

117.6490, -34.3370, 46.7888

Tritanomaly

116.2780, -21.3361, 76.9322

Monochromacy



Original Color

115.4600, -30.7928, 76.7726

Achromatopsia

115.0000, 0.0000, 0.0000

Achromatomaly

114.9020, -11.2907, 28.1499

CSS Examples

Text

The CSS property to change the color of the text to YUV 115.4600, -30.7928, 76.7726 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(203, 83, 53)` looks like.

```
.text, #text, p{  
    color:rgb(203, 83, 53)  
}
```

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(203, 83, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 83, 53) }
```

Border

The CSS property to change the border of an element to YUV 115.4600, -30.7928, 76.7726 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(203, 83, 53) }
```


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

```
.border{ border-color:rgb(203, 83, 53) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 83, 53)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 83, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 83, 53);  
box-shadow:4px 4px 4px 4px rgb(203, 83,  
53) }
```

Background

The CSS property to change the background color of an element to YUV 115.4600, -30.7928, 76.7726 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 83, 53) }
```

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

```
.background{ background-color: rgb(203, 83,  
53) }
```

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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