

Converting Colors

YUV(112.7150, -30.9185,
70.4099)

Have a look what the booklet for
YUV(112.7150, -30.9185, 70.4099)
contains.

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Color

**YUV(112.7150, -30.9185,
70.4099)**

Conversions

Conversions Part 1

Format	Color
Hex	C15432
RGB	193, 84, 50
RGB Percent	76%, 33%, 20%
CMY	0.2431, 0.6706, 0.8039
CMYK	0.00, 0.56, 0.74, 0.24
HSL	14°, 59%, 48%
HSV	14°, 74%, 76%
XYZ	25.7384, 17.9084, 5.1177
YIQ	112.7150, 75.8780, 12.5340

Conversions

Conversions Part 2

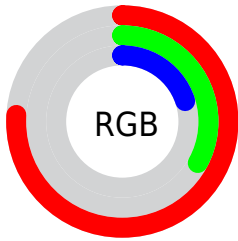
Format	Color
R_{YB}	193, 95, 50
Decimal	12670002
CIE Lab	49.38, 41.65, 40.55
CIE LCh	49, 58.134, 44.236
Yxy	17.9084, 0.5278, 0.3672
Android (android.graphics.Color)	4290860082 (0xFFC15432)
YUV	112.7150, -30.9185, 70.4099
Hunter-Lab	42.3183, 34.5082, 22.4526

Details

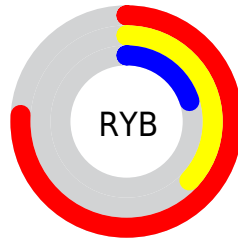
The YUV color **112.7150, -30.9185, 70.4099** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted red. A complement of this color would be **130.2850, 30.9185, -70.4099**, and the grayscale version is **113.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **167.8360, -34.4291, 76.4428**, and **58.8930, -27.5552, 64.9918** is the 20% darker color. If you saturate the color by 10%, you get **101.7440, -34.8768, 80.0315**, and if you desaturate by 10%, it is **123.6860, -26.9602, 60.7884**.

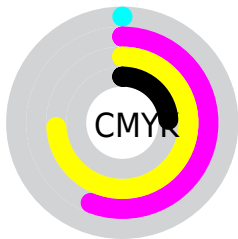
Distribution



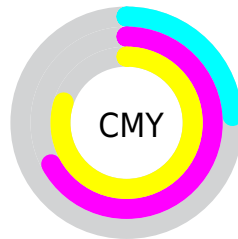
- Red (76%)
- Green (33%)
- Blue (20%)



- Red (76%)
- Yellow (37%)
- Blue (20%)



- Cyan (0%)
- Magenta (56%)
- Yellow (74%)
- Black (24%)



- Cyan (24%)
- Magenta (67%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YUV color 112.7150, -30.9185, 70.4099 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 112.7150, -30.9185, 70.4099 by changing the saturation by 10% instead.

■ 112.7150,
-30.9185, 70.4099

■ 112.7150,
-30.9185, 70.4099

255.0000, 0.0000,
0.0000

■ 85.8610, -29.0185,
67.6509

■ 167.8360,
-34.4291, 76.4428

■ 58.8930, -27.5552,
64.9918

■ 186.5350,
-31.3228, 60.0438

■ 30.7970, -15.1829,
63.3220

■ 205.4620,
-27.3428, 43.4448

■ 22.1260, -10.9081,
45.4935

■ 225.5630,
-23.9416, 25.8162

■ 14.8790, -6.3493,
29.9241

■ 245.6640,
-20.5404, 8.1877

■ 0.0000, 0.0000,
0.0000

■ 252.4920, -9.6096,

2.1995

■ 112.7150,
-30.9185, 70.4099

■ 112.7150,
-30.9185, 70.4099

■ 101.7440,
-34.8768, 80.0315

■ 123.6860,
-26.9602, 60.7884

■ 91.2460, -39.5613,
89.2383

■ 134.1840,
-22.2757, 51.5816

■ 84.7090, -41.7615,
94.9712

■ 145.1550,
-18.3174, 41.9601

■ 156.1260,
-14.3591, 32.3385

■ 167.2110, -9.9640,
22.6170

■ 177.5950, -5.7163,
13.5102

■ 188.5660, -1.7580,
3.8886

■ 199.5370, 2.2003,
-5.7329

■ 210.0350, 6.8847,
-14.9397

Harmonies

Analogous

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



111.5680, -7.6750, 81.9399



112.7150, -30.9185, 70.4099



111.0020, -53.2450, 44.7252

Triad

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



112.7150, -30.9185, 70.4099



91.1520, -1.0609, -79.9403



108.0470, 52.2348, -47.3992

Complementary

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



112.7150, -30.9185, 70.4099



130.2850, 30.9185, -70.4099

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.



100.5920, 55.4171, -88.2192



112.7150, -30.9185, 70.4099



98.1400, 20.6370, -86.0688

Square

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



112.7150, -30.9185, 70.4099



100.8700, -30.0089, -34.9660



102.0960, 40.8717, -89.5382



120.6880, 33.6778, 24.8296

Rectangle

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



112.7150, -30.9185, 70.4099



109.0440, -53.7587, 22.7634



102.0960, 40.8717, -89.5382



95.6510, 59.3321, -83.8859

Sweetspot

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



112.7150, -30.9185, 70.4099



219.0760, -11.8695, 27.1203



105.2970, 26.9686, 76.9155



106.5630, -7.1796, 16.1692



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.



112.7150, -30.9185, 70.4099



124.7880, -48.2095, 109.8109



154.3920, -51.4653, 33.8592



91.7510, -2.3422, 4.6034



70.4450, -34.7294, 79.4167



14.5630, -7.1796, 16.1692

Inverse Universe

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



130.2850, 30.9185, -70.4099



152.2120, 48.2095, -109.8109



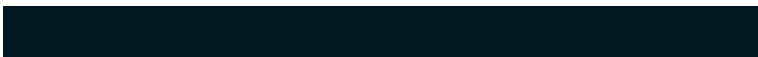
88.6080, 51.4653, -33.8592



92.8360, 2.0529, -5.1182



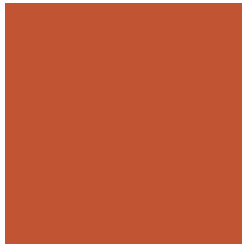
89.9680, 35.0188, -78.9019



18.4370, 7.1796, -16.1692

Previews

White Background



This preview shows how the YUV color 112.7150, -30.9185, 70.4099 looks on a white 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

Black Background



This preview shows how the YUV color 112.7150, -30.9185, 70.4099 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 112.7150, -30.9185, 70.4099

Background



This preview shows how black text looks on a background with the YUV color 112.7150, -30.9185, 70.4099.



This preview shows how white text looks on a background with the YUV color 112.7150, -30.9185,

70.4099.

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

112.7150, -30.9185, 70.4099

Protanopia

115.0900, -26.6664, 13.0761

Deuteranopia

114.5990, -35.2983, 28.4157



Tritanopia

114.9550, -14.7678, 70.1995

Trichromacy



Original Color

112.7150, -30.9185, 70.4099

Protanomaly

114.4670, -28.3312, 33.7934

Deuteranomaly

114.1540, -33.5999, 43.7149

Tritanomaly

113.7610, -20.5882, 70.3696

Monochromacy



Original Color

112.7150, -30.9185, 70.4099

Achromatopsia

113.0000, 0.0000, 0.0000

Achromatomaly

112.5920, -11.1379, 25.7908

CSS Examples

Text

The CSS property to change the color of the text to YUV 112.7150, -30.9185, 70.4099 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(193, 84, 50)` looks like.

```
.text, #text, p{  
    color:rgb(193, 84, 50)  
}
```

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(193, 84, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 84, 50) }
```

Border

The CSS property to change the border of an element to YUV 112.7150, -30.9185, 70.4099 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(193, 84, 50) }
```


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

```
.border{ border-color:rgb(193, 84, 50) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 84, 50)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 84, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 84, 50);  
box-shadow:4px 4px 4px 4px rgb(193, 84,  
50) }
```

Background

The CSS property to change the background color of an element to YUV 112.7150, -30.9185, 70.4099 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 84, 50) }
```

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

```
.background{ background-color: rgb(193, 84,  
50) }
```

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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