

Converting Colors

YUV(116.1060, -30.6183,
67.4360)

Have a look what the booklet for
YUV(116.1060, -30.6183, 67.4360)
contains.

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Color

**YUV(116.1060, -30.6183,
67.4360)**

Conversions

Conversions Part 1

Format	Color
Hex	C15936
RGB	193, 89, 54
RGB Percent	76%, 35%, 21%
CMY	0.2431, 0.6510, 0.7882
CMYK	0.00, 0.54, 0.72, 0.24
HSL	15°, 56%, 48%
HSV	15°, 72%, 76%
XYZ	26.2306, 18.7486, 5.7264
YIQ	116.1060, 73.2190, 11.1630

Conversions

Conversions Part 2

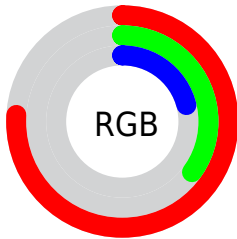
Format	Color
RYB	193, 101, 54
Decimal	12671286
CIELab	50.39, 39.36, 39.54
CIElCh	50, 55.788, 45.128
Yxy	18.7486, 0.5173, 0.3698
Android (android.graphics.Color)	4290861366 (0xFFC15936)
YUV	116.1060, -30.6183, 67.4360
Hunter-Lab	43.2996, 32.3596, 22.4686

Details

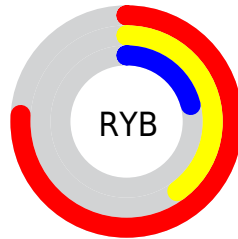
The YUV color **116.1060, -30.6183, 67.4360** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted red. A complement of this color would be **130.8940, 30.6183, -67.4360**, and the grayscale version is **116.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **170.6400, -33.8395, 73.9837**, and **62.8710, -27.5444, 61.5031** is the 20% darker color. If you saturate the color by 10%, you get **105.7220, -34.8659, 76.5428**, and if you desaturate by 10%, it is **126.4900, -26.3706, 58.3293**.

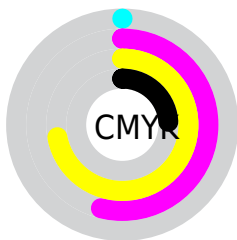
Distribution



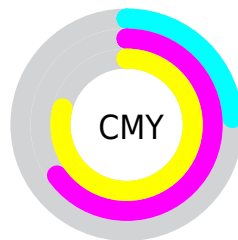
- Red (76%)
- Green (35%)
- Blue (21%)



- Red (76%)
- Yellow (40%)
- Blue (21%)



- Cyan (0%)
- Magenta (54%)
- Yellow (72%)
- Black (24%)



- Cyan (24%)
- Magenta (65%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the YUV color 116.1060, -30.6183, 67.4360 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 116.1060, -30.6183, 67.4360 by changing the saturation by 10% instead.

■ 116.1060,
-30.6183, 67.4360

■ 116.1060,
-30.6183, 67.4360

255.0000, 0.0000,
0.0000

■ 89.8390, -29.0076,
64.1622

■ 170.6400,
-33.8395, 73.9837

■ 62.8710, -27.5444,
61.5031

■ 190.0400,
-30.5857, 56.9699

■ 35.2050, -17.3561,
60.3332

■ 208.8530,
-27.0425, 40.4709

■ 22.4250, -11.0555,
46.1083

■ 228.9540,
-23.6413, 22.8423

■ 15.1780, -6.4968,
30.5389

■ 249.1690,
-19.8033, 5.1138

■ 0.0000, 0.0000,
0.0000

■ 252.9480, -7.8624,

1.7996

■ 116.1060,
-30.6183, 67.4360

■ 116.1060,
-30.6183, 67.4360

■ 105.7220,
-34.8659, 76.5428

■ 126.4900,
-26.3706, 58.3293

■ 94.6370, -39.2610,
86.2644

■ 137.5750,
-21.9755, 48.6077

■ 86.4700, -42.6297,
93.4268

■ 147.9590,
-17.7278, 39.5010

■ 158.9300,
-13.7695, 29.8794

■ 169.4280, -9.0850,
20.6726

■ 180.3990, -5.1267,
11.0511

■ 190.7830, -0.8790,
1.9443

■ 201.7540, 3.0793,
-7.6773

■ 212.2520, 7.7638,
-16.8840

Harmonies

Analogous

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



115.9050, -8.8272, 78.1363



116.1060, -30.6183, 67.4360



114.5440, -48.5822, 42.4959

Triad

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



116.1060, -30.6183, 67.4360



93.4830, 0.2549, -81.9846



113.1790, 48.7188, -39.6220

Complementary

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



116.1060, -30.6183, 67.4360



130.8940, 30.6183, -67.4360

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.



101.6520, 54.4016, -89.1488



116.1060, -30.6183, 67.4360



99.6560, 21.3686, -87.3983

Square

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



116.1060, -30.6183, 67.4360



104.1520, -27.6829, -34.3363



103.3840, 40.7297, -90.6678



123.2320, 31.9306, 25.2295

Rectangle

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



116.1060, -30.6183, 67.4360



111.3320, -53.9007, 21.6338



103.3840, 40.7297, -90.6678



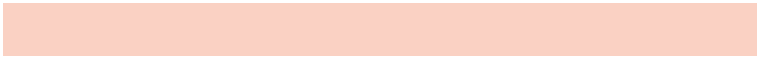
96.7110, 58.3165, -84.8155

Sweetspot

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



116.1060, -30.6183, 67.4360



219.6630, -12.1589, 26.6055



107.4170, 24.9374, 75.0563



107.1500, -7.4690, 15.6544



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.



116.1060, -30.6183, 67.4360



130.9830, -47.3196, 104.3779



156.6090, -50.5862, 31.9149



91.7510, -2.3422, 4.6034



71.6190, -35.3082, 78.3871



14.5630, -7.1796, 16.1692

Inverse Universe

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



130.8940, 30.6183, -67.4360



154.0170, 47.3196, -104.3779



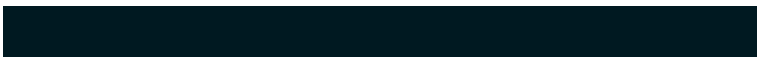
90.3910, 50.5862, -31.9149



92.2490, 2.3422, -4.6034



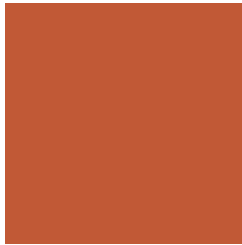
88.7940, 35.5976, -77.8723



18.4370, 7.1796, -16.1692

Previews

White Background



This preview shows how the YUV color 116.1060, -30.6183, 67.4360 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 116.1060, -30.6183, 67.4360 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 116.1060, -30.6183, 67.4360 Background



This preview shows how black text looks on a background with the YUV color 116.1060, -30.6183, 67.4360.



This preview shows how white text looks on a background with the YUV color 116.1060, -30.6183, 67.4360.

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

116.1060, -30.6183, 67.4360

Protanopia

118.0900, -26.6664, 13.0761

Deuteranopia

117.8270, -34.4247, 28.2157



Tritanopia

118.4600, -14.0308, 67.1256

Trichromacy



Original Color

116.1060, -30.6183, 67.4360

Protanomaly

117.1680, -28.1838, 33.1787

Deuteranomaly

117.5560, -33.3051, 42.4854

Tritanomaly

117.2660, -19.8511, 67.2957

Monochromacy



Original Color

116.1060, -30.6183, 67.4360

Achromatopsia

116.0000, 0.0000, 0.0000

Achromatomaly

115.8800, -11.2798, 24.6612

CSS Examples

Text

The CSS property to change the color of the text to YUV 116.1060, -30.6183, 67.4360 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, 89, 54)` looks like.

```
.text, #text, p{  
    color:rgb(193, 89, 54)  
}
```

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, 89, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 89, 54) }
```

Border

The CSS property to change the border of an element to YUV 116.1060, -30.6183, 67.4360 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, 89, 54) }
```


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

```
.border{ border-color:rgb(193, 89, 54) }
```

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

Here you see how a box with a 4 pixel rgb(193, 89, 54) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 89, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 89, 54);  
box-shadow:4px 4px 4px 4px rgb(193, 89,  
54) }
```

Background

The CSS property to change the background color of an element to YUV 116.1060, -30.6183, 67.4360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 89, 54) }
```

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

```
.background{ background-color: rgb(193, 89,  
54) }
```

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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