

Converting Colors

YUV(66.5280, -30.3333,
116.1779)

Have a look what the booklet for
YUV(66.5280, -30.3333, 116.1779)
contains.

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Color

**YUV(66.5280, -30.3333,
116.1779)**

Conversions

Conversions Part 1

Format	Color
Hex	C70B05
RGB	199, 11, 5
RGB Percent	78%, 4%, 2%
CMY	0.2196, 0.9569, 0.9804
CMYK	0.00, 0.94, 0.97, 0.22
HSL	2°, 95%, 40%
HSV	2°, 97%, 78%
XYZ	23.7003, 12.3924, 1.2864
YIQ	66.5280, 113.9740, 37.9900

Conversions

Conversions Part 2

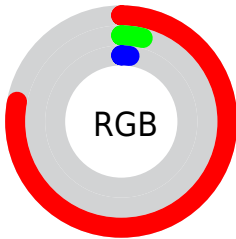
Format	Color
RYB	199, 11, 5
Decimal	13044485
CIELab	41.83, 65.43, 54.16
CIElCh	42, 84.936, 39.618
Yxy	12.3924, 0.6341, 0.3315
Android (android.graphics.Color)	4291234565 (0xFFC70B05)
YUV	66.5280, -30.3333, 116.1779
Hunter-Lab	35.2029, 58.5697, 22.4754

Details

The YUV color **66.5280, -30.3333, 116.1779** is a dark color, and the websafe version is hex **CC0000**. The color can be described as dark washed red. A complement of this color would be **137.4720, 30.3333, -116.1779**, and the grayscale version is **67.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **133.6980, -38.3051, 106.3819**, and **40.3650, -19.8999, 82.9949** is the 20% darker color. If you saturate the color by 10%, you get **63.0230, -31.0703, 119.2518**, and if you desaturate by 10%, it is **79.9610, -27.0958, 104.3972**.

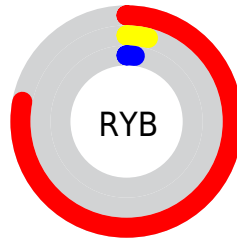
Distribution



Red (78%)

Green (4%)

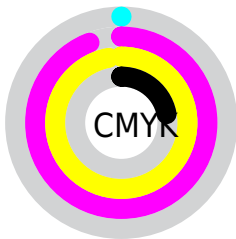
Blue (2%)



Red (78%)

Yellow (4%)

Blue (2%)

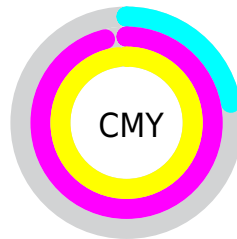


Cyan (0%)

Magenta (94%)

Yellow (97%)

Black (22%)



Cyan (22%)


Magenta (96%)


Yellow (98%)


Brightness & Saturation Gradients


These gradients show how the YUV color 66.5280, -30.3333, 116.1779 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 66.5280, -30.3333, 116.1779 by changing the saturation by 10% instead.


 66.5280, -30.3333,
116.1779

 66.5280, -30.3333,
116.1779


 253.5180, -5.6784,
1.2997

 49.9330, -24.6170,
102.6678


 133.6980,
-38.3051, 106.3819


 40.3650, -19.8999,
82.9949


 153.4570,
-36.2143, 89.0532


 30.7970, -15.1829,
63.3220

 173.3300,
-33.6867, 71.6246

 22.4680, -9.5977,
45.1936

 193.3170,
-30.7223, 54.0960


 12.9710, -5.9017,
26.3354


 213.4180,
-27.3211, 36.4674


 0.0000, 0.0000,
0.0000


 233.5190,


-23.9199, 18.8388


 250.2120,
-18.3455, 4.1991


 66.5280, -30.3333,
116.1779

 66.5280, -30.3333,
116.1779


 63.0230, -31.0703,
119.2518

 79.9610, -27.0958,
104.3972

 93.9810, -24.1476,
92.1017

 107.4140,
-20.9101, 80.3209

 120.8470,
-17.6726, 68.5402

 134.2800,
-14.4350, 56.7594

■ 148.1860,
-11.9237, 44.5639

■ 161.6190, -8.6862,
32.7831

■ 175.0520, -5.4486,
21.0024

■ 189.0720, -2.5005,
8.7069

Harmonies

Analogous

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



73.4050, 3.2513, 124.1788



66.5280, -30.3333, 116.1779



91.8540, -45.2840, 58.0100

Triad

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



66.5280, -30.3333, 116.1779



77.3310, -15.9392, -67.8193



87.2340, 75.3136, -76.5042

Complementary

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



66.5280, -30.3333, 116.1779



137.4720, 30.3333, -116.1779

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.



96.8880, 66.6102, -84.9708



66.5280, -30.3333, 116.1779



87.6420, 15.9525, -76.8620

Square

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



66.5280, -30.3333, 116.1779



68.6790, -33.8587, -60.2315



95.3940, 45.6548, -83.6605



97.5730, 54.9335, 20.5455

Rectangle

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



66.5280, -30.3333, 116.1779



92.8300, -45.7652, 25.5821



95.3940, 45.6548, -83.6605



92.1580, 73.8721, -80.8226

Sweetspot

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



66.5280, -30.3333, 116.1779



204.3000, -11.4869, 44.4639



84.7800, 54.8315, 100.1709



97.0420, -6.9227, 27.1502



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.



66.5280, -30.3333, 116.1779



80.9410, -39.9039, 152.6497



121.7060, -57.5361, 67.7868



92.6910, -1.3267, 5.5330



51.6720, -25.4743, 97.6347



11.3510, -5.5960, 21.6172

Inverse Universe

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



137.4720, 30.3333, -116.1779



174.0590, 39.9039, -152.6497



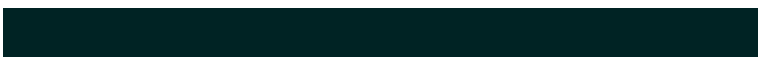
82.2940, 57.5361, -67.7868



96.3090, 1.3267, -5.5330



111.3280, 25.4743, -97.6347



24.6490, 5.5960, -21.6172

Previews

White Background



This preview shows how the YUV color 66.5280, -30.3333, 116.1779 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



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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 66.5280, -30.3333, 116.1779

Background



This preview shows how black text looks on a background with the YUV color 66.5280, -30.3333, 116.1779.



This preview shows how white text looks on a background with the YUV color 66.5280, -30.3333,

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

66.5280, -30.3333, 116.1779

Protanopia

96.0380, -34.5287, 14.8757

Deuteranopia

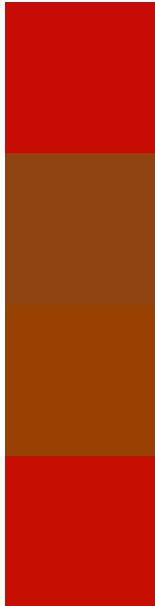
94.3250, -46.5022, 28.6560



Tritanopia

69.7680, -34.3956, 112.4595

Trichromacy



Original Color

66.5280, -30.3333, 116.1779

Protanomaly

85.0240, -33.0428, 51.7220

Deuteranomaly

84.1300, -40.4901, 60.3990

Tritanomaly

68.2350, -32.6539, 113.8039

Monochromacy



Original Color

66.5280, -30.3333, 116.1779

Achromatopsia

67.0000, 0.0000, 0.0000

Achromatomaly

66.9900, -11.3341, 42.1048

CSS Examples

Text

The CSS property to change the color of the text to YUV 66.5280, -30.3333, 116.1779 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(199, 11, 5)` looks like.

```
.text, #text, p{  
    color:rgb(199, 11, 5)  
}
```

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(199, 11, 5) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 11, 5) }
```

Border

The CSS property to change the border of an element to YUV 66.5280, -30.3333, 116.1779 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(199, 11, 5) }
```


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

```
.border{ border-color:rgb(199, 11, 5) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 11, 5)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 11, 5); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 11, 5);  
box-shadow:4px 4px 4px 4px rgb(199, 11, 5)  
}
```

Background

The CSS property to change the background color of an element to YUV 66.5280, -30.3333, 116.1779 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 11, 5) }
```

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

```
.background{ background-color: rgb(199, 11,  
5) }
```

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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