

Converting Colors

YUV(65.9630, -30.0548,
120.1814)

Have a look what the booklet for
YUV(65.9630, -30.0548, 120.1814)
contains.

YUV(65.9630, -30.0548, 120.1814)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	30

Color

**YUV(65.9630, -30.0548,
120.1814)**

Conversions

Conversions Part 1

Format	Color
Hex	CB0805
RGB	203, 8, 5
RGB Percent	80%, 3%, 2%
CMY	0.2039, 0.9686, 0.9804
CMYK	0.00, 0.96, 0.98, 0.20
HSL	1°, 95%, 41%
HSV	1°, 98%, 80%
XYZ	24.7428, 12.8811, 1.3258
YIQ	65.9630, 117.1830, 40.4070

Conversions

Conversions Part 2

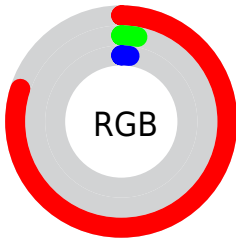
Format	Color
RYB	203, 8, 5
Decimal	13305861
CIELab	42.58, 66.74, 54.99
CIElCh	43, 86.480, 39.488
Yxy	12.8811, 0.6352, 0.3307
Android (android.graphics.Color)	4291495941 (0xFFCB0805)
YUV	65.9630, -30.0548, 120.1814
Hunter-Lab	35.8903, 60.2502, 22.9330

Details

The YUV color **65.9630, -30.0548, 120.1814** 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 **142.0370, 30.0548, -120.1814**, and the grayscale version is **66.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **133.6980, -38.3051, 106.3819**, and **41.2620, -20.3422, 84.8392** is the 20% darker color. If you saturate the color by 10%, you get **62.4580, -30.7918, 123.2553**, and if you desaturate by 10%, it is **79.9830, -27.1066, 107.8859**.

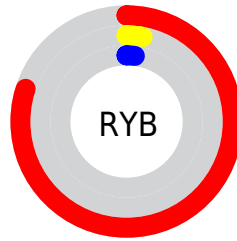
Distribution



Red (80%)

Green (3%)

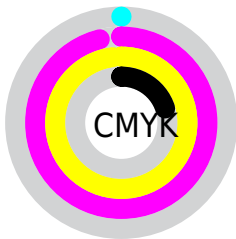
Blue (2%)



Red (80%)

Yellow (3%)

Blue (2%)

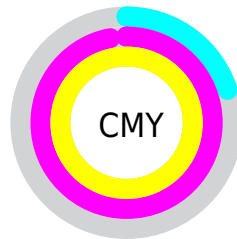


Cyan (0%)

Magenta (96%)

Yellow (98%)

Black (20%)



Cyan (20%)


Magenta (97%)


Yellow (98%)


Brightness & Saturation Gradients


These gradients show how the YUV color 65.9630, -30.0548, 120.1814 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 65.9630, -30.0548, 120.1814 by changing the saturation by 10% instead.


 65.9630, -30.0548,
120.1814


 65.9630, -30.0548,
120.1814


 253.6320, -5.2416,
1.1997

 51.1290, -25.2066,
105.1269


 133.6980,
-38.3051, 106.3819


 41.2620, -20.3422,
84.8392


 153.5710,
-35.7775, 88.9532


 31.9930, -15.7725,
65.7811

 173.4440,
-33.2499, 71.5246

 23.2510, -10.4767,
47.1379

 193.4310,
-30.2855, 53.9960

 13.9820, -5.9071,
28.0798


 214.0050,
-27.6105, 35.9526


 0.0000, 0.0000,
0.0000


 234.2200,


-23.7725, 18.2241


 250.3260,
-17.9087, 4.0991


 65.9630, -30.0548,
120.1814


 65.9630, -30.0548,
120.1814


 62.4580, -30.7918,
123.2553

 79.9830, -27.1066,
107.8859

 94.1170, -23.7217,
95.4904

 108.1370,
-20.7735, 83.1949

 122.1570,
-17.8254, 70.8993

 136.2910,
-14.4405, 58.5038

■ 150.3110,
-11.4923, 46.2083

■ 164.3310, -8.5442,
33.9127

■ 178.3510, -5.5960,
21.6172

■ 192.4850, -2.2111,
9.2217

Harmonies

Analogous

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



74.8290, 3.5353, 126.4380



65.9630, -30.0548, 120.1814



93.6370, -46.1630, 59.9544

Triad

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



65.9630, -30.0548, 120.1814



78.5050, -16.5180, -68.8489



88.9780, 76.9188, -78.0337

Complementary

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



65.9630, -30.0548, 120.1814



142.0370, 30.0548, -120.1814

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.



98.6320, 68.2154, -86.5003



65.9630, -30.0548, 120.1814



89.0440, 16.2473, -78.0916

Square

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



65.9630, -30.0548, 120.1814



69.8530, -34.4375, -61.2611



96.9100, 46.3864, -84.9901



99.8010, 55.8071, 20.3455

Rectangle

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



65.9630, -30.0548, 120.1814



94.6020, -46.6388, 25.7820



96.9100, 46.3864, -84.9901



93.9020, 75.4773, -82.3521

Sweetspot

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



65.9630, -30.0548, 120.1814



203.7130, -11.1975, 44.9787



86.7740, 57.2994, 101.9302



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.



65.9630, -30.0548, 120.1814



78.5930, -38.7463, 154.7089



122.3150, -57.8363, 70.7607



94.9900, -1.4741, 6.1478



51.3950, -25.3377, 100.5086



11.9490, -5.8909, 22.8467

Inverse Universe

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



142.0370, 30.0548, -120.1814



176.4070, 38.7463, -154.7089



85.6850, 57.8363, -70.7607



99.0100, 1.4741, -6.1478



114.6050, 25.3377, -100.5086



26.6380, 5.6015, -23.3615

Previews

White Background



This preview shows how the YUV color 65.9630, -30.0548, 120.1814 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 65.9630, -30.0548, 120.1814 Background



This preview shows how black text looks on a background with the YUV color 65.9630, -30.0548, 120.1814.



This preview shows how white text looks on a background with the YUV color 65.9630, -30.0548,

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

65.9630, -30.0548, 120.1814

Protanopia

97.9240, -34.9655, 14.9757

Deuteranopia

95.5100, -47.0864, 29.3707

Trichromacy



Original Color

65.9630, -30.0548, 120.1814

Protanomaly

86.0350, -33.0483, 53.4663

Deuteranomaly

85.0270, -40.9323, 62.2433

Monochromacy



Original Color

65.9630, -30.0548, 120.1814

Achromatopsia

66.0000, 0.0000, 0.0000

Achromatomaly

66.1150, -10.9027, 43.7491

CSS Examples

Text

The CSS property to change the color of the text to YUV 65.9630, -30.0548, 120.1814 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, 8, 5)` looks like.

```
.text, #text, p{  
    color:rgb(203, 8, 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(203, 8, 5) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 8, 5) }
```

Border

The CSS property to change the border of an element to YUV 65.9630, -30.0548, 120.1814 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, 8, 5) }
```

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

```
.border{ border-color:rgb(203, 8, 5) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 8, 5)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 8, 5); -webkit-box-shadow:4px  
4px 4px 4px rgb(203, 8, 5); box-shadow:4px  
4px 4px 4px rgb(203, 8, 5) }
```


Background

The CSS property to change the background color of an element to YUV 65.9630, -30.0548, 120.1814 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 8, 5) }
```

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

```
.background{ background-color: rgb(203, 8,  
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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