

# Converting Colors

YUV(63.0670, -31.0920,  
126.2292)

Have a look what the booklet for  
YUV(63.0670, -31.0920, 126.2292)  
contains.

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# Color

**YUV(63.0670, -31.0920,  
126.2292)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CF0200
RGB	207, 2, 0
RGB Percent	81%, 1%, 0%
CMY	0.1882, 0.9922, 1.0000
CMYK	0.00, 0.99, 1.00, 0.19
HSL	1°, 100%, 41%
HSV	1°, 100%, 81%
XYZ	25.7538, 13.3088, 1.2115
YIQ	63.0670, 122.8220, 42.8380

# Conversions

## Conversions Part 2

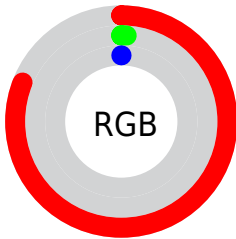
<b>Format</b>	<b>Color</b>
<b>RYB</b>	207, 2, 0
Decimal	13566464
CIELab	43.22, 68.27, 57.46
CIElCh	43, 89.232, 40.088
Yxy	13.3088, 0.6395, 0.3305
Android (android.graphics.Color)	4291756544 (0xFFCF0200)
YUV	63.0670, -31.0920, 126.2292
Hunter-Lab	36.4812, 62.1694, 23.5680

# Details

The YUV color **63.0670, -31.0920, 126.2292** 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 **143.9330, 31.0920, -126.2292**, and the grayscale version is **63.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **132.7690, -39.3261, 107.1966**, and **42.4580, -20.9318, 87.2983** is the 20% darker color. If you saturate the color by 10%, you get **63.0670, -31.0920, 126.2292**, and if you desaturate by 10%, it is **77.7880, -27.9965, 113.3189**.

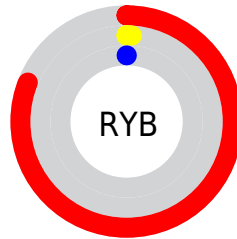
# Distribution



Red (81%)

Green (1%)

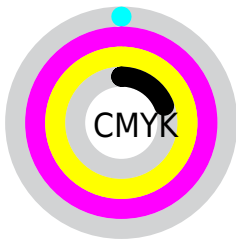
Blue (0%)



Red (81%)

Yellow (1%)

Blue (0%)

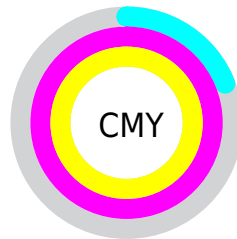


Cyan (0%)

Magenta (99%)

Yellow (100%)

Black (19%)



Cyan (19%)

Magenta (99%)


Yellow (100%)


# Brightness & Saturation Gradients


These gradients show how the YUV color 63.0670, -31.0920, 126.2292 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 63.0670, -31.0920, 126.2292 by changing the saturation by 10% instead.





 63.0670, -31.0920,  
126.2292


 63.0670, -31.0920,  
126.2292


 253.1760, -6.9888,  
1.5996


 52.3250, -25.7962,  
107.5860


 132.7690,  
-39.3261, 107.1966

 42.4580, -20.9318,  
87.2983


 153.2290,  
-37.0879, 89.2532


 32.8900, -16.2148,  
67.6255

 173.1020,  
-34.5603, 71.8245

 24.1480, -10.9190,  
48.9822

 193.0890,  
-31.5959, 54.2959

 14.8790, -6.3493,  
29.9241


 213.6630,  
-28.9209, 36.2525


 0.0000, 0.0000,  
0.0000


 233.8780,


-25.0829, 18.5240


 249.9840,  
-19.2191, 4.3990


 63.0670, -31.0920,  
126.2292

 77.7880, -27.9965,  
113.3189

 91.8080, -25.0483,  
101.0234

 106.5290,  
-21.9528, 88.1131

 120.6630,  
-18.5679, 75.7175

 135.3840,  
-15.4723, 62.8072

■ 149.4040,  
-12.5242, 50.5117

■ 164.1250, -9.4286,  
37.6014

■ 178.2590, -6.0437,  
25.2059

■ 192.8660, -3.3849,  
12.3955

# Harmonies

## Analogous

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



76.2100, 2.3615, 129.6118



63.0670, -31.0920, 126.2292



95.4090, -47.0366, 60.1543

# Triad

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



63.0670, -31.0920, 126.2292



80.4940, -16.5125, -70.5932



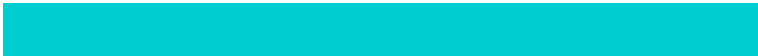
90.2490, 79.2502, -79.1484

# Complementary

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



63.0670, -31.0920, 126.2292



143.9330, 31.0920, -126.2292

# 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.



100.6040, 70.6942, -88.2297



63.0670, -31.0920, 126.2292



90.6740, 17.4157, -79.5211

# Square

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



63.0670, -31.0920, 126.2292



71.0270, -35.0163, -62.2907



98.7680, 48.4284, -86.6195



100.8660, 57.2541, 22.9195



# Rectangle

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



63.0670, -31.0920, 126.2292



96.0750, -47.3650, 25.3672



98.7680, 48.4284, -86.6195



95.2870, 78.2455, -83.5667

# Sweetspot

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



63.0670, -31.0920, 126.2292



201.7240, -11.2029, 46.7231



85.4910, 59.9039, 106.5634



95.7540, -6.7807, 28.2797



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.



63.0670, -31.0920, 126.2292



77.4190, -38.1676, 155.7385



122.9410, -60.6099, 73.7197



97.2890, -1.6215, 6.7625



51.4060, -25.3432, 102.2529



12.2590, -6.0437, 25.2059



# Inverse Universe

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



143.9330, 31.0920, -126.2292



177.5810, 38.1676, -155.7385



84.6460, 60.3205, -74.2345



101.1240, 1.9109, -6.2477



117.1810, 25.0538, -102.7677



28.1540, 6.3331, -24.6911



# Previews

## White Background



This preview shows how the YUV color 63.0670, -31.0920, 126.2292 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 63.0670, -31.0920, 126.2292

## Background



This preview shows how black text looks on a background with the YUV color 63.0670, -31.0920, 126.2292.



This preview shows how white text looks on a background with the YUV color 63.0670, -31.0920,



# 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

63.0670, -31.0920, 126.2292

### Protanopia

99.6960, -35.8391, 15.1756

### Deuteranopia

97.5810, -48.1074, 30.1855



## Tritanopia

72.4480, -35.7169, 116.2481

# Trichromacy



## Original Color

63.0670, -31.0920, 126.2292

## Protanomaly

86.7040, -34.3641, 55.5106

## Deuteranomaly

85.1090, -41.9587, 64.8024

## Tritanomaly

69.2250, -34.1279, 119.9517

# Monochromacy



## Original Color

63.0670, -31.0920, 126.2292

## Achromatopsia

63.0000, 0.0000, 0.0000

## Achromatomaly

63.0120, -11.3449, 45.5935

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 63.0670, -31.0920, 126.2292 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(207, 2, 0)` looks like.

```
.text, #text, p{  
    color:rgb(207, 2, 0)  
}
```

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(207, 2, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 2, 0) }
```

## Border

The CSS property to change the border of an element to YUV 63.0670, -31.0920, 126.2292 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(207, 2, 0) }
```



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

```
.border{ border-color:rgb(207, 2, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 2, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 2, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(207, 2, 0); box-shadow:4px  
4px 4px 4px rgb(207, 2, 0) }
```

# Background

The CSS property to change the background color of an element to YUV 63.0670, -31.0920, 126.2292 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 2, 0) }
```

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

```
.background{ background-color: rgb(207, 2,  
0) }
```

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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