

Converting Colors

YUV(64.5180, -31.8074,
122.3257)

Have a look what the booklet for
YUV(64.5180, -31.8074, 122.3257)
contains.

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Color

**YUV(64.5180, -31.8074,
122.3257)**

Conversions

Conversions Part 1

Format	Color
Hex	CC0600
RGB	204, 6, 0
RGB Percent	80%, 2%, 0%
CMY	0.2000, 0.9765, 1.0000
CMYK	0.00, 0.97, 1.00, 0.20
HSL	2°, 100%, 40%
HSV	2°, 100%, 80%
XYZ	24.9670, 12.9676, 1.1871
YIQ	64.5180, 119.9340, 40.1100

Conversions

Conversions Part 2

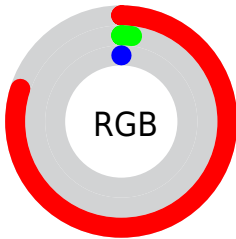
Format	Color
RYB	204, 6, 0
Decimal	13370880
CIELab	42.71, 67.14, 56.88
CIElCh	43, 87.997, 40.273
Yxy	12.9676, 0.6382, 0.3315
Android (android.graphics.Color)	4291560960 (0xFFCC0600)
YUV	64.5180, -31.8074, 122.3257
Hunter-Lab	36.0106, 60.7396, 23.2529

Details

The YUV color **64.5180, -31.8074, 122.3257** 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 **139.4820, 31.8074, -122.3257**, and the grayscale version is **65.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **133.3560, -39.6155, 106.6818**, and **41.5610, -20.4896, 85.4540** is the 20% darker color. If you saturate the color by 10%, you get **64.5180, -31.8074, 122.3257**, and if you desaturate by 10%, it is **78.5380, -28.8592, 110.0302**.

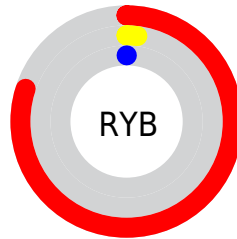
Distribution



Red (80%)

Green (2%)

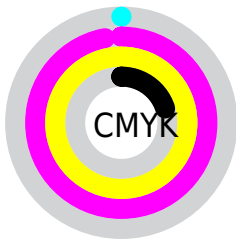
Blue (0%)



Red (80%)

Yellow (2%)

Blue (0%)

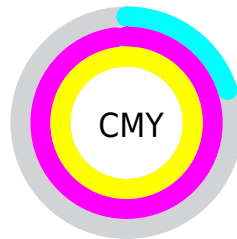


Cyan (0%)

Magenta (97%)

Yellow (100%)

Black (20%)



Cyan (20%)


Magenta (98%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the YUV color 64.5180, -31.8074, 122.3257 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 64.5180, -31.8074, 122.3257 by changing the saturation by 10% instead.


 64.5180, -31.8074,
122.3257


 64.5180, -31.8074,
122.3257


 253.1760, -6.9888,
1.5996


 51.4280, -25.3540,
105.7416


 133.3560,
-39.6155, 106.6818


 41.5610, -20.4896,
85.4540


 153.1150,
-37.5247, 89.3531


 31.9930, -15.7725,
65.7811

 172.9880,
-34.9971, 71.9245

 23.2510, -10.4767,
47.1379

 192.9750,
-32.0327, 54.3959

 14.2810, -6.0545,
28.6946


 213.0760,
-28.6315, 36.7673


 0.0000, 0.0000,
0.0000


 233.7640,


-25.5197, 18.6240


 249.8700,
-19.6559, 4.4990


 64.5180, -31.8074,
122.3257

 78.5380, -28.8592,
110.0302

 92.6720, -25.4743,
97.6347

 106.1050,
-22.2368, 85.8539

 120.2390,
-18.8518, 73.4584

 134.2590,
-15.9037, 61.1629

■ 148.2790,
-12.9555, 48.8673

■ 162.4130, -9.5706,
36.4718

■ 175.8460, -6.3331,
24.6911

■ 189.9800, -2.9481,
12.2955

Harmonies

Analogous

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



75.1990, 2.3669, 127.8675



64.5180, -31.8074, 122.3257



93.9250, -46.3050, 58.8248

Triad

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



64.5180, -31.8074, 122.3257



79.3200, -15.9338, -69.5636



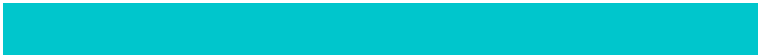
89.3200, 78.2292, -78.3336

Complementary

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



64.5180, -31.8074, 122.3257



139.4820, 31.8074, -122.3257

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.



99.5610, 69.2364, -87.3150



64.5180, -31.8074, 122.3257



89.9730, 17.2683, -78.9063

Square

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



64.5180, -31.8074, 122.3257



70.4400, -34.7269, -61.7759



97.9530, 47.8442, -85.9048



99.9370, 56.2331, 23.7343

Rectangle

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



64.5180, -31.8074, 122.3257



94.8900, -46.7808, 24.6525



97.9530, 47.8442, -85.9048



94.2440, 76.7877, -82.6520

Sweetspot

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



64.5180, -31.8074, 122.3257



202.8980, -11.7817, 45.6935



83.9100, 57.7254, 105.3189



96.3410, -7.0701, 27.7649



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.



64.5180, -31.8074, 122.3257



80.9410, -39.9039, 152.6497



122.6310, -60.4571, 71.3606



94.9900, -1.4741, 6.1478



52.5690, -25.9165, 99.4790



11.9490, -5.8909, 22.8467

Inverse Universe

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



139.4820, 31.8074, -122.3257



174.6460, 39.6145, -153.1645



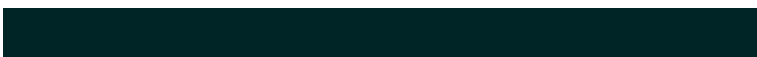
81.3690, 60.4571, -71.3606



99.0100, 1.4741, -6.1478



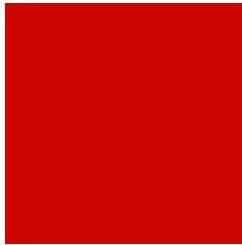
113.4310, 25.9165, -99.4790



26.0510, 5.8909, -22.8467

Previews

White Background



This preview shows how the YUV color 64.5180, -31.8074, 122.3257 looks on a white background.

Color Contrast Check

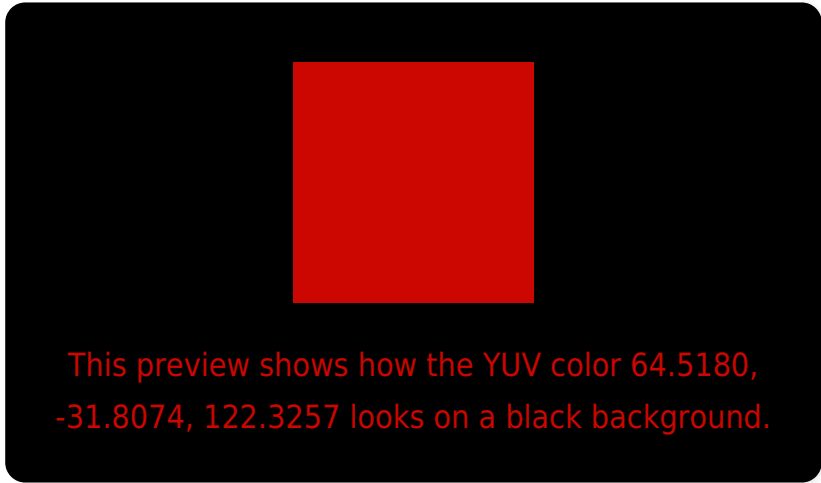
Large Text (above 18pt) WCAG AA ✓ Pass

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 64.5180, -31.8074, 122.3257

Background



This preview shows how black text looks on a background with the YUV color 64.5180, -31.8074, 122.3257.



This preview shows how white text looks on a background with the YUV color 64.5180, -31.8074,

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



Protanopia

98.1090, -35.5497, 15.6904

Deuteranopia

96.3960, -47.5232, 29.4707

Tritanopia

71.8500, -35.4220, 115.0186

Trichromacy



Protanomaly

86.1060, -34.0693, 54.2810

Deuteranomaly

85.0980, -41.9533, 63.0581

Tritanomaly

68.9150, -33.9751, 117.5925

Monochromacy



Achromatopsia

65.0000, 0.0000, 0.0000

Achromatomaly

65.1860, -11.9237, 44.5639

CSS Examples

Text

The CSS property to change the color of the text to YUV 64.5180, -31.8074, 122.3257 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(204, 6, 0)` looks like.

```
.text, #text, p{  
    color:rgb(204, 6, 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(204, 6, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 6, 0) }
```

Border

The CSS property to change the border of an element to YUV 64.5180, -31.8074, 122.3257 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(204, 6, 0) }
```

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

```
.border{ border-color:rgb(204, 6, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 6, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 6, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(204, 6, 0); box-shadow:4px  
4px 4px 4px rgb(204, 6, 0) }
```


Background

The CSS property to change the background color of an element to YUV 64.5180, -31.8074, 122.3257 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 6, 0) }
```

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

```
.background{ background-color: rgb(204, 6,  
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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