

Converting Colors

YUV(63.9680, -31.5362,
35.1081)

Have a look what the booklet for
YUV(63.9680, -31.5362, 35.1081)
contains.

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Color

**YUV(63.9680, -31.5362,
35.1081)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 683800 |
| RGB | 104, 56, 0 |
| RGB Percent | 41%, 22%, 0% |
| CMY | 0.5922, 0.7804, 1.0000 |
| CMYK | 0.00, 0.46, 1.00, 0.59 |
| HSL | 32°, 100%, 20% |
| HSV | 32°, 100%, 41% |
| XYZ | 7.1231, 5.7714, 0.7386 |
| YIQ | 63.9680, 46.5840, -7.2400 |

Conversions

Conversions Part 2

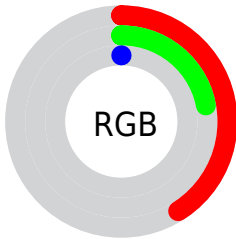
| Format | Color |
|-------------------------------------|-------------------------------|
| R_YB | 89, 104, 0 |
| Decimal | 6830080 |
| CIE _{Lab} | 28.83, 17.58, 39.14 |
| CIE _{LCh} | 29, 42.906, 65.813 |
| Yxy | 5.7714, 0.5225, 0.4233 |
| Android (android.graphics.Color) | 4285020160 (0xFF683800) |
| YUV | 63.9680, -31.5362, 35.1081 |
| Hunter-Lab | 24.0237, 10.8841, 14.9939 |

Details

The YUV color **63.9680, -31.5362, 35.1081** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **40.0320, 31.5362, -35.1081**, and the grayscale version is **64.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **113.8870, -31.9893, 40.4411**, and **22.8800, -11.2798, 24.6612** is the 20% darker color. If you saturate the color by 10%, you get **63.9680, -31.5362, 35.1081**, and if you desaturate by 10%, it is **68.0430, -28.6152, 31.5343**.

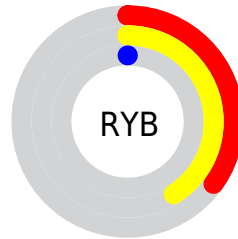
Distribution



Red (41%)

Green (22%)

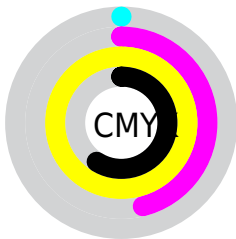
Blue (0%)



Red (35%)

Yellow (41%)

Blue (0%)

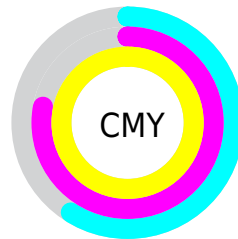


Cyan (0%)

Magenta (46%)

Yellow (100%)

Black (59%)



Cyan (59%)

Magenta (78%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 63.9680, -31.5362, 35.1081 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 63.9680, -31.5362, 35.1081 by changing the saturation by 10% instead.

63.9680, -31.5362,
35.1081

63.9680, -31.5362,
35.1081

252.3780,
-10.0464, 2.2995

42.9810, -21.1896,
29.8347

113.8870,
-31.9893, 40.4411

22.8800, -11.2798,
24.6612

140.5560,
-33.3051, 42.4854

7.5890, -3.2484,
15.2694

167.3390,
-34.1841, 44.4297


0.0000, 0.0000,
0.0000


194.4210,
-35.2106, 46.9888


215.9140,
-32.9886, 34.2784


235.4280,


-29.2980, 17.1646


 249.1860,
-22.2767, 5.0989


 63.9680, -31.5362,
35.1081

 68.0430, -28.6152,
31.5343

 72.2320, -25.2574,
27.8605

 75.7200, -22.0470,
24.8016

 79.9090, -18.6891,
21.1278

 83.9840, -15.7681,
17.5540

■ 88.0590, -12.8471,
13.9803

■ 92.2480, -9.4893,
10.3065

■ 95.7360, -6.2788,
7.2475

■ 99.9250, -2.9210,
3.5738

Harmonies

Analogous

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



64.0790, -16.3079, 50.7967



63.9680, -31.5362, 35.1081



63.5260, -31.3183, 11.8167

Triad

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



63.9680, -31.5362, 35.1081



57.1570, 8.3036, -50.1267



69.5040, 25.8805, 5.6970

Complementary

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



63.9680, -31.5362, 35.1081



40.0320, 31.5362, -35.1081

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.



56.3660, 38.2736, -49.4330



63.9680, -31.5362, 35.1081



60.2180, 22.5705, -52.8112

Square

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



63.9680, -31.5362, 35.1081



51.9930, -6.4055, -45.5979



60.9650, 33.0483, -53.4663



67.3250, 14.1368, 39.1800

Rectangle

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



63.9680, -31.5362, 35.1081



59.8830, -29.5223, -4.2824



60.9650, 33.0483, -53.4663



67.1430, 30.0025, -9.7724

Sweetspot

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



63.9680, -31.5362, 35.1081



119.2870, -11.9735, 13.7803



36.6820, 6.0728, 59.0379



59.1060, -7.4473, 8.6770



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



63.9680, -31.5362, 35.1081



83.2160, -41.0255, 45.4146



91.2470, -44.9848, 8.5534



49.2560, -1.6052, 1.5295



70.7790, -34.8940, 38.7818



148.6680, -73.2933, 81.8522

Inverse Universe

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



40.0320, 31.5362, -35.1081



51.7840, 41.0255, -45.4146



12.7530, 44.9848, -8.5534



47.7440, 1.6052, -1.5295



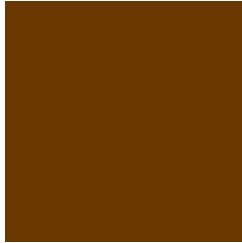
44.2210, 34.8940, -38.7818



93.3320, 73.2933, -81.8522

Previews

White Background



This preview shows how the YUV color 63.9680, -31.5362, 35.1081 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 ✓ Pass

Black Background



This preview shows how the YUV color 63.9680, -31.5362, 35.1081 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 63.9680, -31.5362, 35.1081 Background



This preview shows how black text looks on a background with the YUV color 63.9680, -31.5362, 35.1081.



This preview shows how white text looks on a background with the YUV color 63.9680, -31.5362,

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

63.9680, -31.5362, 35.1081

Protanopia

64.8510, -27.5345, 11.5317

Deuteranopia

64.1680, -31.6348, 20.0237



Tritanopia

68.6020, -6.2128, 32.7980

Trichromacy



Original Color

63.9680, -31.5362, 35.1081

Protanomaly

64.2650, -28.7246, 19.9386

Deuteranomaly

64.2010, -31.6511, 25.2567

Tritanomaly

66.6100, -15.0907, 33.6680

Monochromacy



Original Color

63.9680, -31.5362, 35.1081

Achromatopsia

64.0000, 0.0000, 0.0000

Achromatomaly

64.1020, -11.3893, 13.0655

CSS Examples

Text

The CSS property to change the color of the text to YUV 63.9680, -31.5362, 35.1081 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(104, 56, 0)` looks like.

```
.text, #text, p{  
    color:rgb(104, 56, 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(104, 56, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 56, 0) }
```

Border

The CSS property to change the border of an element to YUV 63.9680, -31.5362, 35.1081 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(104, 56, 0) }
```


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

```
.border{ border-color:rgb(104, 56, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 56, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 56, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 56, 0);  
box-shadow:4px 4px 4px 4px rgb(104, 56, 0)  
}
```

Background

The CSS property to change the background color of an element to YUV 63.9680, -31.5362, 35.1081 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 56, 0) }
```

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

```
.background{ background-color: rgb(104, 56,  
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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