

Converting Colors

YUV(64.0470, -31.5752, 0.8358)

Have a look what the booklet for
YUV(64.0470, -31.5752, 0.8358)
contains.

| | |
|--|----|
| YUV(64.0470, -31.5752, 0.8358) | 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(64.0470, -31.5752,
0.8358)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 414C00 |
| RGB | 65, 76, 0 |
| RGB Percent | 25%, 30%, 0% |
| CMY | 0.7451, 0.7020, 1.0000 |
| CMYK | 0.14, 0.00, 1.00, 0.70 |
| HSL | 69°, 100%, 15% |
| HSV | 69°, 100%, 30% |
| XYZ | 4.7644, 6.2927, 0.9635 |
| YIQ | 64.0470, 17.8400, -25.9680 |

Conversions

Conversions Part 2

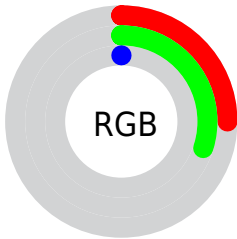
| Format | Color |
|-------------------------------------|---|
| RYB | 0, 76, 11 |
| Decimal | 4279296 |
| CIELab | 30.14, -14.52, 38.18 |
| CIELCh | 30, 40.850, 110.819 |
| Yxy | 6.2927, 0.3964, 0.5235 |
| Android (android.graphics.Color) | 4282469376 (0xFF414C00) |
| YUV | 64.0470, -31.5752, 0.8358 |
| Hunter-Lab | 25.0853, -9.9969, 15.2824 |

Details

The YUV color **64.0470, -31.5752, 0.8358** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **11.9530, 31.5752, -0.8358**, and the grayscale version is **64.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **113.8730, -30.9964, 1.8654**, and **23.8670, -11.7664, -6.0224** is the 20% darker color. If you saturate the color by 10%, you get **64.0470, -31.5752, 0.8358**, and if you desaturate by 10%, it is **65.2580, -28.2282, 0.6507**.

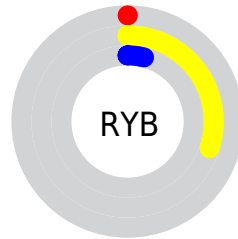
Distribution



Red (25%)

Green (30%)

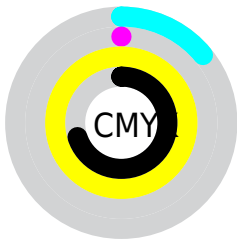
Blue (0%)



Red (0%)

Yellow (30%)

Blue (4%)

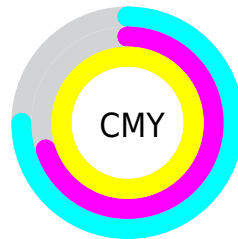


Cyan (14%)

Magenta (0%)

Yellow (100%)

Black (70%)



Cyan (75%)

Magenta (70%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 64.0470, -31.5752, 0.8358 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 64.0470, -31.5752, 0.8358 by changing the saturation by 10% instead.

64.0470, -31.5752,
0.8358

64.0470, -31.5752,
0.8358

252.8340, -8.2992,
1.8996

43.6690, -21.5288,
-1.4637

113.8730,
-30.9964, 1.8654

23.8670, -11.7664,
-6.0224

139.7590,
-31.4332, 1.9654

0.5870, -0.2894,
-0.5148

165.9440,
-32.0174, 2.6801

0.0000, 0.0000,
0.0000


193.6020,
-33.3278, 2.9800


221.7870,
-33.9120, 3.6948


246.4500,


-32.7599, 7.4983


 249.6420,
-20.5295, 4.6990


 64.0470, -31.5752,
0.8358

 65.2580, -28.2282,
0.6507

 66.3550, -25.3180,
0.5657

 67.5660, -21.9710,
0.3806

 68.6630, -19.0609,
0.2955

 69.8740, -15.7139,
0.1105

■ 71.3840, -12.5143,
0.5402

■ 72.4810, -9.6041,
0.4552

■ 73.6920, -6.2572,
0.2701

■ 74.7890, -3.3470,
0.1850

Harmonies

Analogous

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



66.8480, -32.9561, 23.8123



64.0470, -31.5752, 0.8358



57.9040, -14.7427, -31.4878

Triad

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



64.0470, -31.5752, 0.8358



62.9880, 28.1069, -55.2405



69.6050, 6.1107, 46.8274

Complementary

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



64.0470, -31.5752, 0.8358



11.9530, 31.5752, -0.8358

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.



72.8930, 19.2798, 22.8958



64.0470, -31.5752, 0.8358



61.0620, 35.9584, -53.5514

Square

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



64.0470, -31.5752, 0.8358



61.0840, 15.7346, -53.5707



69.2130, 30.4610, -16.8498



67.1530, -8.4564, 52.4858

Rectangle

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



64.0470, -31.5752, 0.8358



54.8940, -2.9057, -48.1420



69.2130, 30.4610, -16.8498



70.8260, 10.9318, 40.4946

Sweetspot

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



64.0470, -31.5752, 0.8358



94.4980, -12.0775, 0.4403



28.5940, -14.0968, 41.5751



48.0510, -7.4201, -0.0447



179.0000, 0.0000, 0.0000



51.0000, 0.0000, 0.0000

Same Dimension

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



64.0470, -31.5752, 0.8358



83.5280, -41.1793, 1.2909



52.9840, -26.1211, -21.9110



37.5440, -1.7472, 0.3999



85.8870, -42.3423, 0.9761



193.6140, -95.4517, 2.0925

Inverse Universe

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



11.9530, 31.5752, -0.8358



15.4720, 41.1793, -1.2909



23.0160, 26.1211, 21.9110



34.7550, 1.5998, 0.2149



16.1130, 42.3423, -0.9761



36.0870, 95.5991, -2.7073

Previews

White Background



This preview shows how the YUV color 64.0470, -31.5752, 0.8358 looks on a white background.

Color Contrast Check

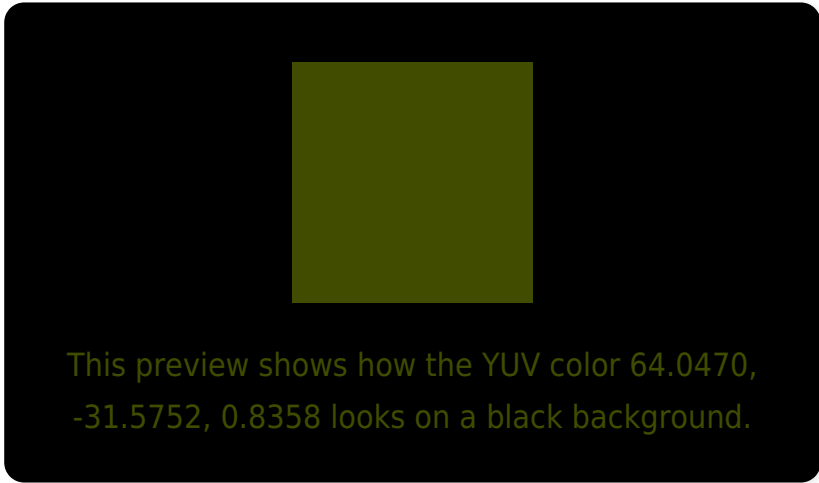
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

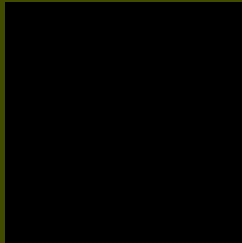
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 64.0470, -31.5752, 0.8358

Background



This preview shows how black text looks on a background with the YUV color 64.0470, -31.5752, 0.8358.



This preview shows how white text looks on a background with the YUV color 64.0470, -31.5752,

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

65.5970, -32.3393, 12.6314

Deuteranopia

67.7210, -26.9775, 19.5387

Tritanopia

71.5700, 2.1840, -0.4999

Trichromacy



Protanomaly

65.2760, -32.1811, 8.5279

Deuteranomaly

66.2210, -28.7030, 12.9612

Tritanomaly

68.9540, -10.3303, 0.0403

Monochromacy



Achromatopsia

64.0000, 0.0000, 0.0000

Achromatomaly

63.7260, -11.2039, 0.2403

CSS Examples

Text

The CSS property to change the color of the text to YUV 64.0470, -31.5752, 0.8358 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(65, 76, 0)` looks like.

```
.text, #text, p{  
    color:rgb(65, 76, 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(65, 76, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 76, 0) }
```

Border

The CSS property to change the border of an element to YUV 64.0470, -31.5752, 0.8358 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(65, 76, 0) }
```

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

```
.border{ border-color:rgb(65, 76, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(65, 76, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 76, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(65, 76, 0); box-shadow:4px  
4px 4px 4px rgb(65, 76, 0) }
```


Background

The CSS property to change the background color of an element to YUV 64.0470, -31.5752, 0.8358 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 76, 0) }
```

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

```
.background{ background-color: rgb(65, 76,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor