

Converting Colors

YUV(63.5020, -31.3065,
54.8107)

Have a look what the booklet for
YUV(63.5020, -31.3065, 54.8107)
contains.

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Color

**YUV(63.5020, -31.3065,
54.8107)**

Conversions

Conversions Part 1

Format	Color
Hex	7E2C00
RGB	126, 44, 0
RGB Percent	49%, 17%, 0%
CMY	0.5059, 0.8275, 1.0000
CMYK	0.00, 0.65, 1.00, 0.51
HSL	21°, 100%, 25%
HSV	21°, 100%, 49%
XYZ	9.5049, 6.2370, 0.7029
YIQ	63.5020, 62.9960, 3.7000

Conversions

Conversions Part 2

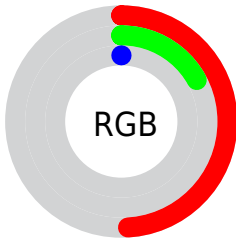
Format	Color
RYB	126, 68, 0
Decimal	8268800
CIELab	30.00, 33.79, 41.67
CIElCh	30, 53.654, 50.962
Yxy	6.2370, 0.5780, 0.3793
Android (android.graphics.Color)	4286458880 (0xFF7E2C00)
YUV	63.5020, -31.3065, 54.8107
Hunter-Lab	24.9740, 24.2311, 15.8130

Details

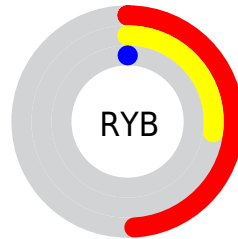
The YUV color **63.5020, -31.3065, 54.8107** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **62.4980, 31.3065, -54.8107**, and the grayscale version is **64.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **115.3780, -33.2174, 61.0585**, and **20.6310, -10.1711, 42.4196** is the 20% darker color. If you saturate the color by 10%, you get **63.5020, -31.3065, 54.8107**, and if you desaturate by 10%, it is **69.6800, -27.9432, 49.3926**.

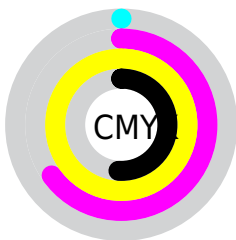
Distribution



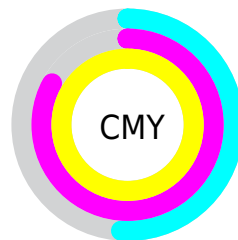
- Red (49%)
- Green (17%)
- Blue (0%)



- Red (49%)
- Yellow (27%)
- Blue (0%)



- Cyan (0%)
- Magenta (65%)
- Yellow (100%)
- Black (51%)



- Cyan (51%)
- Magenta (83%)
- Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 63.5020, -31.3065, 54.8107 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 63.5020, -31.3065, 54.8107 by changing the saturation by 10% instead.

63.5020, -31.3065,
54.8107

63.5020, -31.3065,
54.8107

252.3780,
-10.0464, 2.2995

40.1560, -19.7969,
49.8522

115.3780,
-33.2174, 61.0585

20.6310, -10.1711,
42.4196

142.3460,
-34.6806, 63.7176

13.6830, -5.7597,
27.4650

169.7270,
-35.8544, 66.8914


0.0000, 0.0000,
0.0000


191.1170,
-34.0747, 56.0254


210.6310,
-30.3841, 38.9116


230.0310,


-27.1303, 21.8978


 249.0720,
-22.7135, 5.1989


 63.5020, -31.3065,
54.8107

 69.6800, -27.9432,
49.3926

 75.7440, -25.0168,
44.0745

 82.5090, -21.9429,
38.1416

 88.5730, -19.0165,
32.8235

 94.7510, -15.6532,
27.4054

■ 100.9290,
-12.2900, 21.9873

■ 106.9930, -9.3635,
16.6691

■ 113.7580, -6.2897,
10.7362

■ 119.8220, -3.3632,
5.4181

Harmonies

Analogous

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



56.5670, -6.1955, 74.0477



63.5020, -31.3065, 54.8107



66.8700, -32.9669, 27.3010

Triad

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



63.5020, -31.3065, 54.8107



57.4530, -0.7163, -50.3863



63.0290, 42.8767, -32.4744

Complementary

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



63.5020, -31.3065, 54.8107



62.4980, 31.3065, -54.8107

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.



64.5160, 44.1156, -56.5805



63.5020, -31.3065, 54.8107



63.0560, 18.2134, -55.3001

Square

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



63.5020, -31.3065, 54.8107



50.2200, -20.8145, -44.0429



66.4590, 33.7907, -58.2845



70.7830, 26.2360, 31.7623

Rectangle

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



63.5020, -31.3065, 54.8107



65.5640, -32.3231, 7.3984



66.4590, 33.7907, -58.2845



59.2330, 46.7201, -51.9473

Sweetspot

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



63.5020, -31.3065, 54.8107



138.6300, -12.1426, 21.3725



47.2500, 18.1178, 69.0637



66.8400, -7.3161, 13.2953



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000

Same Dimension

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



63.5020, -31.3065, 54.8107



82.1960, -40.5226, 70.8651



99.3090, -48.9593, 23.4080



60.8540, -1.9000, 2.7590



64.6870, -31.8907, 55.5255



0.0000, 0.0000, 0.0000

Inverse Universe

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



62.4980, 31.3065, -54.8107



80.8040, 40.5226, -70.8651



26.6910, 48.9593, -23.4080



60.7330, 1.6106, -3.2738



63.3130, 31.8907, -55.5255



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 63.5020, -31.3065, 54.8107 looks on a white background.

Color Contrast Check

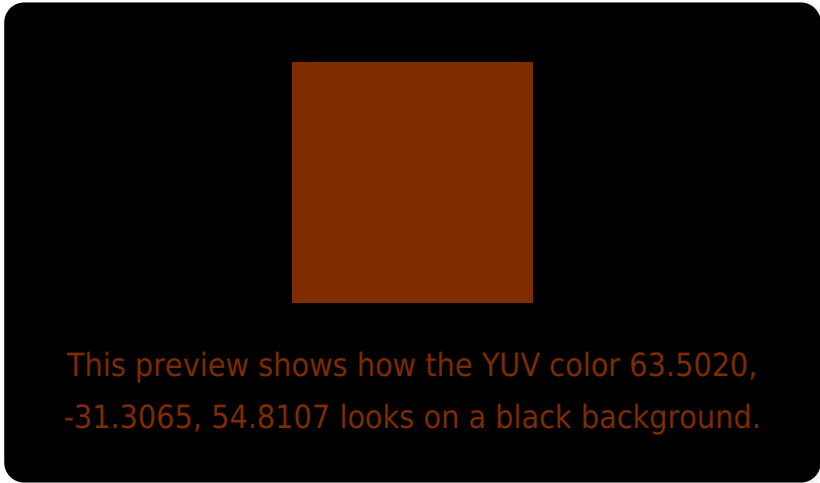
Large Text (above 18pt) WCAG AA ✓ Pass

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

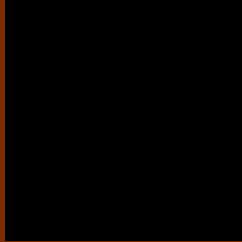
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 63.5020, -31.3065, 54.8107

Background



This preview shows how black text looks on a background with the YUV color 63.5020, -31.3065, 54.8107.



This preview shows how white text looks on a background with the YUV color 63.5020, -31.3065,

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

67.9650, -27.0977, 11.4317

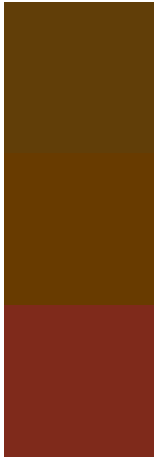
Deuteranopia

67.1250, -33.0926, 20.9384

Tritanopia

66.9420, -11.8034, 52.6709

Trichromacy



Protanomaly

66.3090, -28.7463, 26.9160

Deuteranomaly

65.7290, -32.4044, 33.5637

Tritanomaly

65.7050, -19.0816, 53.7557

Monochromacy



Achromatopsia

64.0000, 0.0000, 0.0000

Achromatomaly

64.1460, -11.4110, 20.0430

CSS Examples

Text

The CSS property to change the color of the text to YUV 63.5020, -31.3065, 54.8107 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(126, 44, 0)` looks like.

```
.text, #text, p{  
    color:rgb(126, 44, 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(126, 44, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 44, 0) }
```

Border

The CSS property to change the border of an element to YUV 63.5020, -31.3065, 54.8107 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(126, 44, 0) }
```

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

```
.border{ border-color:rgb(126, 44, 0) }
```

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

Here you see how a box with a 4 pixel rgb(126, 44, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 44, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 44, 0);  
box-shadow:4px 4px 4px 4px rgb(126, 44, 0)  
}
```


Background

The CSS property to change the background color of an element to YUV 63.5020, -31.3065, 54.8107 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 44, 0) }
```

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

```
.background{ background-color: rgb(126, 44,  
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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