

# Converting Colors

YUV(63.9020, -31.5037,  
24.6419)

Have a look what the booklet for  
YUV(63.9020, -31.5037, 24.6419)  
contains.

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# Color

**YUV(63.9020, -31.5037,  
24.6419)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5C3E00
RGB	92, 62, 0
RGB Percent	36%, 24%, 0%
CMY	0.6392, 0.7569, 1.0000
CMYK	0.00, 0.33, 1.00, 0.64
HSL	40°, 100%, 18%
HSV	40°, 100%, 36%
XYZ	6.1363, 5.7206, 0.7808
YIQ	63.9020, 37.7820, -12.9220

# Conversions

## Conversions Part 2

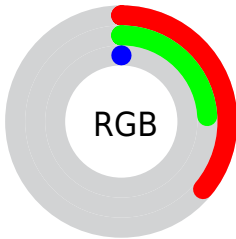
<b>Format</b>	<b>Color</b>
<b>RYB</b>	45, 92, 0
Decimal	6045184
CIELab	28.70, 7.93, 38.31
CIElCh	29, 39.120, 78.311
Yxy	5.7206, 0.4856, 0.4527
Android (android.graphics.Color)	4284235264 (0xFF5C3E00)
YUV	63.9020, -31.5037, 24.6419
Hunter-Lab	23.9177, 3.9395, 14.8069

# Details

The YUV color **63.9020, -31.5037, 24.6419** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **28.0980, 31.5037, -24.6419**, and the grayscale version is **64.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **113.2230, -31.6619, 28.7454**, and **23.9990, -11.8315, 14.9099** is the 20% darker color. If you saturate the color by 10%, you get **63.9020, -31.5037, 24.6419**, and if you desaturate by 10%, it is **66.6890, -28.4407, 22.1977**.

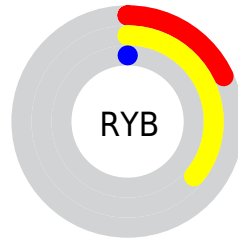
# Distribution



Red (36%)

Green (24%)

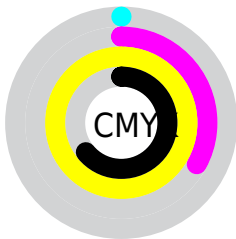
Blue (0%)



Red (18%)

Yellow (36%)

Blue (0%)

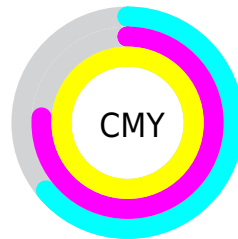


Cyan (0%)

Magenta (33%)

Yellow (100%)

Black (64%)



Cyan (64%)

Magenta (76%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 63.9020, -31.5037, 24.6419 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 63.9020, -31.5037, 24.6419 by changing the saturation by 10% instead.



63.9020, -31.5037,  
24.6419

63.9020, -31.5037,  
24.6419

252.4920, -9.6096,  
2.1995

43.2140, -21.3045,  
19.9833

113.2230,  
-31.6619, 28.7454

23.9990, -11.8315,  
14.9099

139.5930,  
-32.8303, 30.1749

1.7940, -0.8844,  
3.6887

166.3760,  
-33.7094, 32.1192

0.0000, 0.0000,  
0.0000


193.8600,  
-34.4410, 33.4488


219.5500,  
-34.2881, 31.0897


239.6510,


-30.8869, 13.4611


 249.3000,  
-21.8399, 4.9989


 63.9020, -31.5037,  
24.6419

 66.6890, -28.4407,  
22.1977

 69.4760, -25.3777,  
19.7535

 72.3770, -21.8779,  
17.2094

 75.1640, -18.8149,  
14.7652

 77.9510, -15.7518,  
12.3210

■ 80.7380, -12.6888,  
9.8768

■ 83.5250, -9.6258,  
7.4326

■ 86.4260, -6.1260,  
4.8884

■ 89.2130, -3.0630,  
2.4442

# Harmonies

## Analogous

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



64.8730, -20.6434, 41.3304



63.9020, -31.5037, 24.6419



61.6990, -30.4176, 2.8950

# Triad

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



63.9020, -31.5037, 24.6419



57.9380, 13.8346, -50.8116



69.7570, 18.8538, 19.5071

# Complementary

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



63.9020, -31.5037, 24.6419



28.0980, 31.5037, -24.6419

# 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.



64.9630, 29.5982, -20.1386



63.9020, -31.5037, 24.6419



59.7280, 25.7701, -52.3815

# Square

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



63.9020, -31.5037, 24.6419



53.7030, 0.1464, -47.0975



58.5030, 33.7690, -51.3071



66.8110, 6.9952, 43.1388



# Rectangle

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



63.9020, -31.5037, 24.6419



58.8800, -21.6328, -14.8038



58.5030, 33.7690, -51.3071



69.6030, 22.3807, 8.2412

# Sweetspot

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



63.9020, -31.5037, 24.6419



108.8520, -12.2520, 9.7768



31.0420, -0.0207, 53.4602



54.3830, -7.5838, 5.8031



189.0000, 0.0000, 0.0000



61.0000, 0.0000, 0.0000



# Same Dimension

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



63.9020, -31.5037, 24.6419



83.4270, -41.1295, 32.0745



77.0270, -37.9743, -0.0237



44.2560, -1.6052, 1.5295



76.3280, -37.6297, 29.5303



164.7830, -81.2380, 63.3343



# Inverse Universe

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



28.0980, 31.5037, -24.6419



36.5730, 41.1295, -32.0745



14.9730, 37.9743, 0.0237



42.7440, 1.6052, -1.5295



33.6720, 37.6297, -29.5303

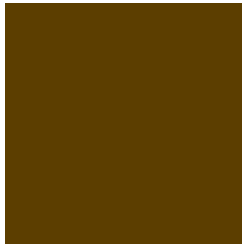


72.2170, 81.2380, -63.3343



# Previews

## White Background



This preview shows how the YUV color 63.9020, -31.5037, 24.6419 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 63.9020, -31.5037, 24.6419 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

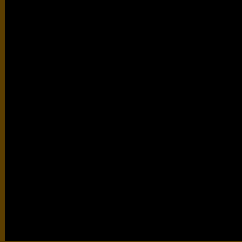
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 63.9020, -31.5037, 24.6419

## Background



This preview shows how black text looks on a background with the YUV color 63.9020, -31.5037, 24.6419.



This preview shows how white text looks on a background with the YUV color 63.9020, -31.5037,



# 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

63.6230, -28.4081, 11.7316

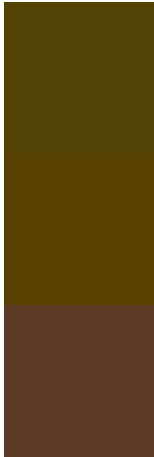
### Deuteranopia

63.8690, -31.4874, 19.4089

### Tritanopia

69.5190, -3.7069, 22.3468

# Trichromacy



## Protanomaly

63.7160, -29.4400, 16.0351

## Deuteranomaly

63.8800, -31.4928, 21.1532

## Tritanomaly

67.1850, -13.8952, 23.5168

# Monochromacy



## Achromatopsia

64.0000, 0.0000, 0.0000

## Achromatomaly

63.7810, -11.2310, 8.9621

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 63.9020, -31.5037, 24.6419 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(92, 62, 0)` looks like.

```
.text, #text, p{  
    color:rgb(92, 62, 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(92, 62, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 62, 0) }
```

## Border

The CSS property to change the border of an element to YUV 63.9020, -31.5037, 24.6419 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(92, 62, 0) }
```

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

```
.border{ border-color:rgb(92, 62, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 62, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 62, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(92, 62, 0); box-shadow:4px  
4px 4px 4px rgb(92, 62, 0) }
```



# Background

The CSS property to change the background color of an element to YUV 63.9020, -31.5037, 24.6419 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 62, 0) }
```

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

```
.background{ background-color: rgb(92, 62,  
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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