

# Converting Colors

YUV(76.9200, -18.6946,  
22.8722)

Have a look what the booklet for  
YUV(76.9200, -18.6946, 22.8722)  
contains.

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# Color

**YUV(76.9200, -18.6946,  
22.8722)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	674727
RGB	103, 71, 39
RGB Percent	40%, 28%, 15%
CMY	0.5961, 0.7216, 0.8471
CMYK	0.00, 0.31, 0.62, 0.60
HSL	30°, 45%, 28%
HSV	30°, 62%, 40%
XYZ	8.2130, 7.5365, 2.9413
YIQ	76.9200, 29.3440, -3.1680

# Conversions

## Conversions Part 2

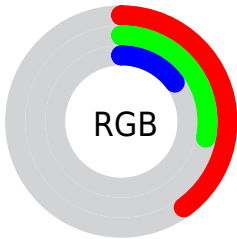
<b>Format</b>	<b>Color</b>
<b>RYB</b>	103, 103, 39
Decimal	6768423
CIELab	33.00, 9.85, 24.47
CIELCh	33, 26.378, 68.073
Yxy	7.5365, 0.4394, 0.4032
Android (android.graphics.Color)	4284958503 (0xFF674727)
YUV	76.9200, -18.6946, 22.8722
Hunter-Lab	27.4527, 5.3591, 12.8646

# Details

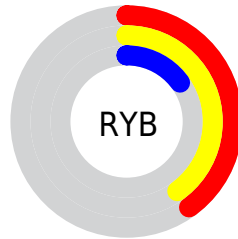
The YUV color **76.9200, -18.6946, 22.8722** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **65.0800, 18.6946, -22.8722**, and the grayscale version is **77.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **126.1870, -20.3052, 26.1460**, and **31.9950, -15.7735, 19.2984** is the 20% darker color. If you saturate the color by 10%, you get **72.8450, -21.6156, 26.4459**, and if you desaturate by 10%, it is **80.9950, -15.7735, 19.2984**.

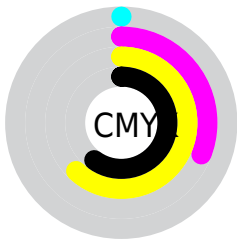
# Distribution



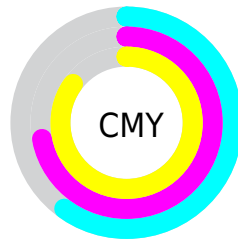
- Red (40%)
- Green (28%)
- Blue (15%)



- Red (40%)
- Yellow (40%)
- Blue (15%)



- Cyan (0%)
- Magenta (31%)
- Yellow (62%)
- Black (60%)



- Cyan (60%)
- Magenta (72%)
- Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 76.9200, -18.6946, 22.8722 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 76.9200, -18.6946, 22.8722 by changing the saturation by 10% instead.



■ 76.9200, -18.6946,  
22.8722

■ 76.9200, -18.6946,  
22.8722

■ 255.0000, 0.0000,  
0.0000

■ 53.8380, -17.6681,  
20.3131

■ 126.1870,  
-20.3052, 26.1460

■ 31.9950, -15.7735,  
19.2984

■ 152.6710,  
-21.0368, 27.4755

■ 10.7310, -5.2904,  
16.8989

■ 179.7420,  
-22.0578, 28.2903

■ 0.0000, 0.0000,  
0.0000

■ 207.2260,  
-22.7894, 29.6198

■ 230.9260,  
-21.1625, 21.1129

■ 250.5540,

-17.0351, 3.8991

253.8600, -4.3680,  
0.9998

76.9200, -18.6946,  
22.8722

76.9200, -18.6946,  
22.8722

72.8450, -21.6156,  
26.4459

80.9950, -15.7735,  
19.2984

68.6560, -24.9734,  
30.1197

85.1840, -12.4157,  
15.6246

64.5810, -27.8944,  
33.6935

89.2590, -9.4947,  
12.0509

61.3210, -30.2313,  
36.5525

93.9210, -6.8631,  
7.9623

98.1100, -3.5052,  
4.2885

■ 102.1850, -0.5842,  
0.7148

■ 106.2600, 2.3368,  
-2.8590

■ 110.3350, 5.2578,  
-6.4328

■ 114.5240, 8.6157,  
-10.1065

# Harmonies

## Analogous

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



77.9950, -12.3225, 32.4534



76.9200, -18.6946, 22.8722



75.1910, -19.8142, 8.6025

# Triad

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



76.9200, -18.6946, 22.8722



61.1180, 10.7878, -53.6005



79.6430, 14.9660, 6.4521

# Complementary

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



76.9200, -18.6946, 22.8722



65.0800, 18.6946, -22.8722

# 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.



75.4980, 21.4465, -18.8537



76.9200, -18.6946, 22.8722



62.8110, 19.8132, -55.0852

# Square

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



76.9200, -18.6946, 22.8722



68.1890, -3.5442, -29.9838



62.5320, 26.3597, -54.8406



79.9890, 6.9074, 24.5656



# Rectangle

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



76.9200, -18.6946, 22.8722



73.9230, -16.7240, -2.5635



62.5320, 26.3597, -54.8406



78.8700, 17.3191, -1.6400

# Sweetspot

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



76.9200, -18.6946, 22.8722



124.4050, -7.5947, 9.2918



61.7840, 4.5435, 36.1464



62.4800, -4.6736, 5.7180



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.



76.9200, -18.6946, 22.8722



93.5490, -29.3577, 36.3525



95.7040, -27.9551, 6.3986



48.6690, -1.3158, 2.0443



67.8440, -33.4471, 41.3558



143.3850, -70.6888, 86.4854



# Inverse Universe

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



65.0800, 18.6946, -22.8722



74.8640, 29.6470, -35.8377



46.2960, 27.9551, -6.3986



47.7440, 1.6052, -1.5295



46.5690, 33.7365, -40.8410



98.6150, 70.6888, -86.4854



# Previews

## White Background



This preview shows how the YUV color 76.9200, -18.6946, 22.8722 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 76.9200, -18.6946, 22.8722 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

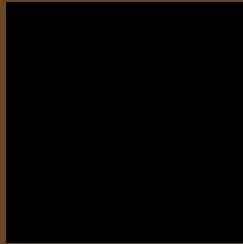
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 76.9200, -18.6946, 22.8722

## Background



This preview shows how black text looks on a background with the YUV color 76.9200, -18.6946, 22.8722.



This preview shows how white text looks on a background with the YUV color 76.9200, -18.6946,



# 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

76.9200, -18.6946, 22.8722

### Protanopia

76.1740, -17.3408, 8.6174

### Deuteranopia

76.4740, -18.9677, 17.1243



## Tritanopia

78.9320, -3.4175, 22.8616

# Trichromacy



## Original Color

76.9200, -18.6946, 22.8722

## Protanomaly

76.0930, -17.7938, 13.9504

## Deuteranomaly

76.7840, -19.1205, 19.4834

## Tritanomaly

77.8520, -8.8010, 22.9318

# Monochromacy



## Original Color

76.9200, -18.6946, 22.8722

## Achromatopsia

77.0000, 0.0000, 0.0000

## Achromatomaly

76.9210, -6.8631, 7.9623

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 76.9200, -18.6946, 22.8722 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(103, 71, 39)` looks like.

```
.text, #text, p{  
    color:rgb(103, 71, 39)  
}
```

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(103, 71, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 71, 39) }
```

## Border

The CSS property to change the border of an element to YUV 76.9200, -18.6946, 22.8722 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(103, 71, 39) }
```



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

```
.border{ border-color:rgb(103, 71, 39) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 71, 39)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 71, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 71, 39);  
box-shadow:4px 4px 4px 4px rgb(103, 71,  
39) }
```

# Background

The CSS property to change the background color of an element to YUV 76.9200, -18.6946, 22.8722 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 71, 39) }
```

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

```
.background{ background-color: rgb(103, 71,  
39) }
```

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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