

Converting Colors

YUV(68.1490, -19.3005,
30.5643)

Have a look what the booklet for
YUV(68.1490, -19.3005, 30.5643)
contains.

YUV(68.1490, -19.3005, 30.5643)	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>	31

Color

**YUV(68.1490, -19.3005,
30.5643)**

Conversions

Conversions Part 1

Format	Color
Hex	673A1D
RGB	103, 58, 29
RGB Percent	40%, 23%, 11%
CMY	0.5961, 0.7725, 0.8863
CMYK	0.00, 0.44, 0.72, 0.60
HSL	24°, 56%, 26%
HSV	24°, 72%, 40%
XYZ	7.3283, 5.9984, 1.9340
YIQ	68.1490, 36.1290, 0.5210

Conversions

Conversions Part 2

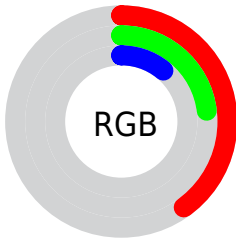
Format	Color
R_{YB}	103, 77, 29
Decimal	6765085
CIE _{Lab}	29.41, 17.08, 26.11
CIE _{LCh}	29, 31.201, 56.800
Yxy	5.9984, 0.4802, 0.3931
Android (android.graphics.Color)	4284955165 (0xFF673A1D)
YUV	68.1490, -19.3005, 30.5643
Hunter-Lab	24.4916, 10.5502, 12.4623

Details

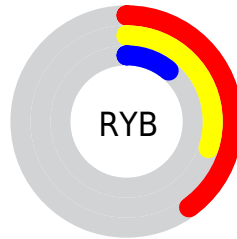
The YUV color **68.1490, -19.3005, 30.5643** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **63.8510, 19.3005, -30.5643**, and the grayscale version is **68.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **117.6010, -21.4953, 34.5529**, and **24.3530, -12.0060, 24.2464** is the 20% darker color. If you saturate the color by 10%, you get **63.4870, -21.9321, 34.6529**, and if you desaturate by 10%, it is **72.8110, -16.6688, 26.4758**.

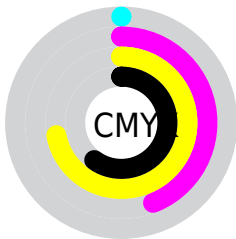
Distribution



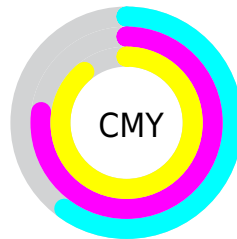
- Red (40%)
- Green (23%)
- Blue (11%)



- Red (40%)
- Yellow (30%)
- Blue (11%)



- Cyan (0%)
- Magenta (44%)
- Yellow (72%)
- Black (60%)



- Cyan (60%)
- Magenta (77%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YUV color 68.1490, -19.3005, 30.5643 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 68.1490, -19.3005, 30.5643 by changing the saturation by 10% instead.

■ 68.1490, -19.3005,
30.5643

■ 68.1490, -19.3005,
30.5643

■ 255.0000, 0.0000,
0.0000

■ 44.8390, -19.1476,
28.2052

■ 117.6010,
-21.4953, 34.5529

■ 24.3530, -12.0060,
24.2464

■ 143.6830,
-22.5217, 37.1120

■ 8.4860, -3.6906,
17.1138

■ 170.1670,
-23.2533, 38.4415

■ 0.0000, 0.0000,
0.0000

■ 197.9500,
-24.1323, 40.3859

■ 220.7530,
-22.0632, 30.0346

■ 240.2670,

-18.3726, 12.9208

■ 252.3780,
-10.0464, 2.2995

■ 68.1490, -19.3005,
30.5643

■ 68.1490, -19.3005,
30.5643

■ 63.4870, -21.9321,
34.6529

■ 72.8110, -16.6688,
26.4758

■ 58.1240, -24.7111,
39.3563

■ 78.1740, -13.8898,
21.7724

■ 54.2770, -26.7586,
42.7301

■ 82.8360, -11.2581,
17.6838

■ 87.4980, -8.6265,
13.5953

■ 92.1600, -5.9949,
9.5067

■ 97.5230, -3.2158,
4.8033

■ 102.1850, -0.5842,
0.7148

■ 106.8470, 2.0474,
-3.3738

■ 111.6230, 5.1159,
-7.5624

Harmonies

Analogous

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



68.7230, -9.7234, 38.8309



68.1490, -19.3005, 30.5643



66.7960, -24.0564, 15.9649

Triad

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



68.1490, -19.3005, 30.5643



55.0710, 5.3880, -48.2973



70.1840, 21.1083, -3.6694

Complementary

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



68.1490, -19.3005, 30.5643



63.8510, 19.3005, -30.5643

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.



56.1890, 29.9798, -49.2778



68.1490, -19.3005, 30.5643



57.8070, 15.8711, -50.6967

Square

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



68.1490, -19.3005, 30.5643



59.8320, -8.7912, -27.0397



58.2120, 25.0385, -51.0519



71.3460, 12.1544, 21.6216

Rectangle

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



68.1490, -19.3005, 30.5643



65.4740, -22.4187, 3.9693



58.2120, 25.0385, -51.0519



67.8020, 23.7616, -14.7354

Sweetspot

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



68.1490, -19.3005, 30.5643



121.0140, -7.8949, 12.2657



56.3700, 9.1846, 40.8945



60.4910, -4.6791, 7.4624



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.



68.1490, -19.3005, 30.5643



80.0990, -30.1218, 48.1482



89.2810, -29.7185, 12.0316



48.6690, -1.3158, 2.0443



60.8000, -29.9744, 47.5334



128.1230, -63.1646, 99.8701

Inverse Universe

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



63.8510, 19.3005, -30.5643



73.9010, 30.1218, -48.1482



42.7190, 29.7185, -12.0316



48.3310, 1.3158, -2.0443



54.2000, 29.9744, -47.5334



113.8770, 63.1646, -99.8701

Previews

White Background



This preview shows how the YUV color 68.1490, -19.3005, 30.5643 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 68.1490, -19.3005, 30.5643 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

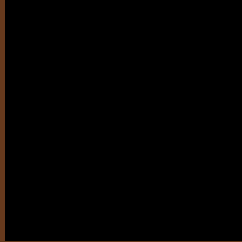
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 68.1490, -19.3005, 30.5643

Background



This preview shows how black text looks on a background with the YUV color 68.1490, -19.3005, 30.5643.



This preview shows how white text looks on a background with the YUV color 68.1490, -19.3005,

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

68.1490, -19.3005, 30.5643

Protanopia

67.8750, -17.1934, 8.0026

Deuteranopia

67.8330, -20.1307, 16.8095



Tritanopia

70.4060, -5.6232, 30.3389

Trichromacy



Original Color

68.1490, -19.3005, 30.5643

Protanomaly

68.1040, -17.7993, 15.6948

Deuteranomaly

67.9800, -19.7101, 21.9425

Tritanomaly

69.4400, -10.5699, 30.3091

Monochromacy



Original Color

68.1490, -19.3005, 30.5643

Achromatopsia

68.0000, 0.0000, 0.0000

Achromatomaly

67.9430, -6.8739, 11.4510

CSS Examples

Text

The CSS property to change the color of the text to YUV 68.1490, -19.3005, 30.5643 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, 58, 29)` looks like.

```
.text, #text, p{  
    color:rgb(103, 58, 29)  
}
```

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, 58, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 58, 29) }
```

Border

The CSS property to change the border of an element to YUV 68.1490, -19.3005, 30.5643 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, 58, 29) }
```


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

```
.border{ border-color:rgb(103, 58, 29) }
```

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

Here you see how a box with a 4 pixel rgb(103, 58, 29) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 58, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 58, 29);  
box-shadow:4px 4px 4px 4px rgb(103, 58,  
29) }
```

Background

The CSS property to change the background color of an element to YUV 68.1490, -19.3005, 30.5643 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 58, 29) }
```

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

```
.background{ background-color: rgb(103, 58,  
29) }
```

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