

Converting Colors

YUV(69.2680, -19.8521,
20.8130)

Have a look what the booklet for
YUV(69.2680, -19.8521, 20.8130)
contains.

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Color

**YUV(69.2680, -19.8521,
20.8130)**

Conversions

Conversions Part 1

Format	Color
Hex	5D411D
RGB	93, 65, 29
RGB Percent	36%, 25%, 11%
CMY	0.6353, 0.7451, 0.8863
CMYK	0.00, 0.30, 0.69, 0.64
HSL	34°, 52%, 24%
HSV	34°, 69%, 36%
XYZ	6.6263, 6.1965, 2.0092
YIQ	69.2680, 28.2440, -5.2600

Conversions

Conversions Part 2

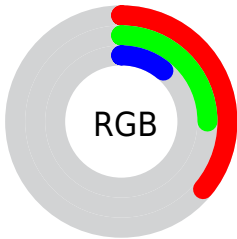
Format	Color
RYB	79, 93, 29
Decimal	6111517
CIELab	29.90, 7.93, 26.29
CIElCh	30, 27.461, 73.220
Yxy	6.1965, 0.4468, 0.4178
Android (android.graphics.Color)	4284301597 (0xFF5D411D)
YUV	69.2680, -19.8521, 20.8130
Hunter-Lab	24.8927, 3.9533, 12.6393

Details

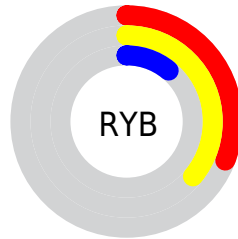
The YUV color **69.2680, -19.8521, 20.8130** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **52.7320, 19.8521, -20.8130**, and the grayscale version is **69.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **118.4210, -21.8996, 24.1868**, and **26.0700, -12.8525, 15.7246** is the 20% darker color. If you saturate the color by 10%, you get **65.8940, -22.6257, 23.7720**, and if you desaturate by 10%, it is **72.6420, -17.0785, 17.8540**.

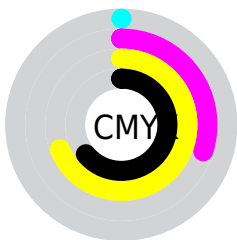
Distribution



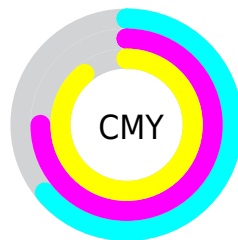
- Red (36%)
- Green (25%)
- Blue (11%)



- Red (31%)
- Yellow (36%)
- Blue (11%)



- Cyan (0%)
- Magenta (30%)
- Yellow (69%)
- Black (64%)



- Cyan (64%)
- Magenta (75%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YUV color 69.2680, -19.8521, 20.8130 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 69.2680, -19.8521, 20.8130 by changing the saturation by 10% instead.

■ 69.2680, -19.8521,
20.8130

■ 69.2680, -19.8521,
20.8130

■ 255.0000, 0.0000,
0.0000

■ 46.2570, -19.8467,
19.0686

■ 118.4210,
-21.8996, 24.1868

■ 26.0700, -12.8525,
15.7246

■ 143.9050,
-22.6312, 25.5163

■ 5.3820, -2.6533,
11.0660

■ 170.5030,
-22.9260, 26.7459


■ 0.0000, 0.0000,
0.0000


■ 198.5740,
-23.9470, 27.5606


■ 224.8620,
-24.0890, 26.4310


■ 245.0770,


-20.2510, 8.7025


 252.3780,
-10.0464, 2.2995


 69.2680, -19.8521,
20.8130


 69.2680, -19.8521,
20.8130


 65.8940, -22.6257,
23.7720


 72.6420, -17.0785,
17.8540


 62.4060, -25.8362,
26.8309


 76.1300, -13.8681,
14.7950

 59.0320, -28.6098,
29.7899

 79.5040, -11.0945,
11.8360

 58.3310, -28.7572,
30.4047

 82.8780, -8.3209,
8.8770

 86.2520, -5.5472,
5.9180

■ 89.7400, -2.3368,
2.8590

■ 93.1140, 0.4368,
-0.1000

■ 97.0750, 2.9210,
-3.5738

■ 100.5630, 6.1314,
-6.6328

Harmonies

Analogous

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



69.9410, -13.7749, 31.6237



69.2680, -19.8521, 20.8130



67.4680, -19.9507, 5.7286

Triad

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



69.2680, -19.8521, 20.8130



56.5530, 11.0664, -49.5970



72.5510, 14.5184, 10.0408

Complementary

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



69.2680, -19.8521, 20.8130



52.7320, 19.8521, -20.8130

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.



68.8190, 21.2882, -14.7503



69.2680, -19.8521, 20.8130



58.2460, 20.0917, -51.0817

Square

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



69.2680, -19.8521, 20.8130



57.9430, -0.4649, -37.6610



57.2660, 26.4909, -50.2223



72.2560, 5.2968, 27.8395

Rectangle

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



69.2680, -19.8521, 20.8130



66.0150, -16.2764, -6.1522



57.2660, 26.4909, -50.2223



72.0770, 16.7240, 2.5635

Sweetspot

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



69.2680, -19.8521, 20.8130



110.6930, -7.7366, 8.1622



51.4420, 3.2331, 36.4464



55.7680, -4.8156, 4.5885



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.



69.2680, -19.8521, 20.8130



82.7720, -30.9466, 32.6490



84.8070, -27.5129, 4.5543



44.2560, -1.6052, 1.5295



69.2840, -34.1570, 35.7079



148.9340, -73.4245, 77.2339

Inverse Universe

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



52.7320, 19.8521, -20.8130



57.2280, 30.9466, -32.6490



37.1930, 27.5129, -4.5543



42.7440, 1.6052, -1.5295



40.7160, 34.1570, -35.7079



88.0660, 73.4245, -77.2339

Previews

White Background



This preview shows how the YUV color 69.2680, -19.8521, 20.8130 looks on a white background.

Color Contrast Check

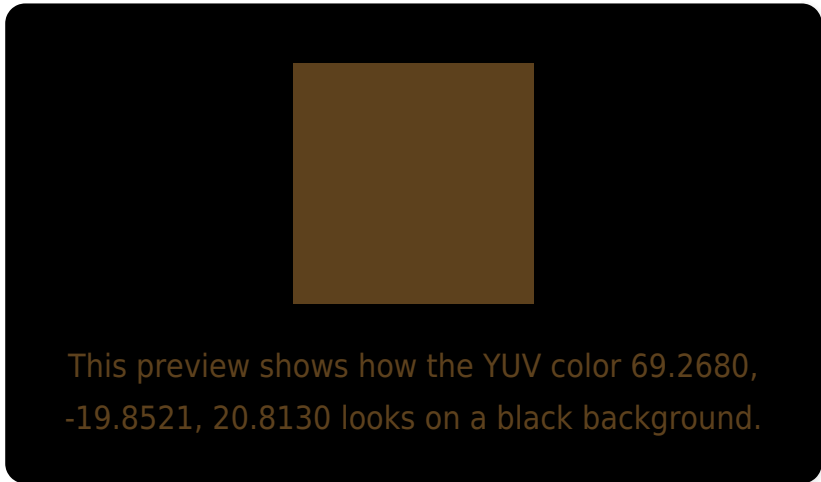
Large Text (above 18pt) WCAG AA ✓ Pass

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

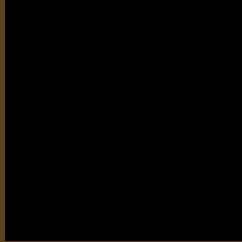
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 69.2680, -19.8521, 20.8130

Background



This preview shows how black text looks on a background with the YUV color 69.2680, -19.8521, 20.8130.



This preview shows how white text looks on a background with the YUV color 69.2680, -19.8521,

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

69.2680, -19.8521, 20.8130

Protanopia

68.8320, -18.6512, 8.9173

Deuteranopia

68.8330, -20.1307, 16.8095



Tritanopia

71.7360, -2.8278, 20.4025

Trichromacy



Original Color

69.2680, -19.8521, 20.8130

Protanomaly

69.0390, -19.2462, 13.1208

Deuteranomaly

68.8440, -20.1361, 18.5538

Tritanomaly

70.5420, -8.6482, 20.5727

Monochromacy



Original Color

69.2680, -19.8521, 20.8130

Achromatopsia

69.0000, 0.0000, 0.0000

Achromatomaly

69.3940, -7.5892, 7.5475

CSS Examples

Text

The CSS property to change the color of the text to YUV 69.2680, -19.8521, 20.8130 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(93, 65, 29)` looks like.

```
.text, #text, p{  
    color:rgb(93, 65, 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(93, 65, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 65, 29) }
```

Border

The CSS property to change the border of an element to YUV 69.2680, -19.8521, 20.8130 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(93, 65, 29) }
```


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

```
.border{ border-color:rgb(93, 65, 29) }
```

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

Here you see how a box with a 4 pixel rgb(93, 65, 29) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 65, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 65, 29);  
box-shadow:4px 4px 4px 4px rgb(93, 65, 29)  
}
```

Background

The CSS property to change the background color of an element to YUV 69.2680, -19.8521, 20.8130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 65, 29) }
```

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

```
.background{ background-color: rgb(93, 65,  
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](#).

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