

Converting Colors

YUV(68.0280, -19.2408,
11.3764)

Have a look what the booklet for
YUV(68.0280, -19.2408, 11.3764)
contains.

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Color

**YUV(68.0280, -19.2408,
11.3764)**

Conversions

Conversions Part 1

Format	Color
Hex	51451D
RGB	81, 69, 29
RGB Percent	32%, 27%, 11%
CMY	0.6824, 0.7294, 0.8863
CMYK	0.00, 0.15, 0.64, 0.68
HSL	46°, 47%, 22%
HSV	46°, 64%, 32%
XYZ	5.7432, 6.0943, 2.0360
YIQ	68.0280, 19.9920, -9.8960

Conversions

Conversions Part 2

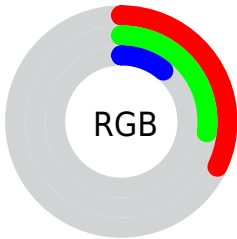
Format	Color
RYB	45, 81, 29
Decimal	5326109
CIELab	29.65, -0.56, 25.62
CIElCh	30, 25.627, 91.249
Yxy	6.0943, 0.4140, 0.4393
Android (android.graphics.Color)	4283516189 (0xFF51451D)
YUV	68.0280, -19.2408, 11.3764
Hunter-Lab	24.6866, -1.6743, 12.3907

Details

The YUV color **68.0280, -19.2408, 11.3764** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **41.9720, 19.2408, -11.3764**, and the grayscale version is **68.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **116.5830, -20.9934, 13.5207**, and **25.4280, -12.5360, 7.5176** is the 20% darker color. If you saturate the color by 10%, you get **65.9420, -22.1564, 13.2059**, and if you desaturate by 10%, it is **70.1140, -16.3252, 9.5470**.

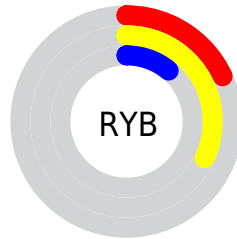
Distribution



 Red (32%)

 Green (27%)

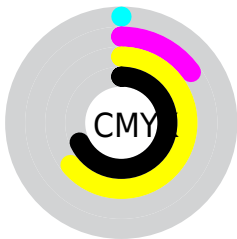
 Blue (11%)



 Red (18%)

 Yellow (32%)

 Blue (11%)

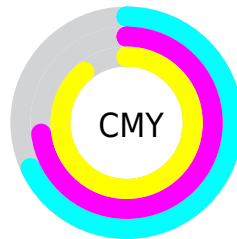


 Cyan (0%)

 Magenta (15%)

 Yellow (64%)

 Black (68%)



 Cyan (68%)

 Magenta (73%)

 Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YUV color 68.0280, -19.2408, 11.3764 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 68.0280, -19.2408, 11.3764 by changing the saturation by 10% instead.

■ 68.0280, -19.2408,
11.3764

■ 68.0280, -19.2408,
11.3764

■ 255.0000, 0.0000,
0.0000

■ 45.3160, -19.3828,
10.2469

■ 116.5830,
-20.9934, 13.5207

■ 25.4280, -12.5360,
7.5176

■ 142.7680,
-21.5776, 14.2355

■ 0.0000, 0.0000,
0.0000

■ 168.9530,
-22.1618, 14.9502

■ 196.1380,
-22.7460, 15.6650

■ 224.3230,
-23.3302, 16.3797

■ 248.0120,

-21.6979, 6.1285

252.3780,
-10.0464, 2.2995

68.0280, -19.2408,
11.3764

68.0280, -19.2408,
11.3764

65.9420, -22.1564,
13.2059

70.1140, -16.3252,
9.5470

63.8560, -25.0720,
15.0353

72.2000, -13.4096,
7.7176

61.7700, -27.9876,
16.8647

74.2860, -10.4940,
5.8882

60.6130, -29.8822,
17.8794

75.7850, -7.2890,
4.5736

77.9850, -3.9366,
2.6442

■ 80.0710, -1.0210,
0.8147

■ 82.1570, 1.8946,
-1.0147

■ 84.2430, 4.8102,
-2.8441

■ 86.3290, 7.7258,
-4.6735

Harmonies

Analogous

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



69.3870, -16.9528, 24.2166



68.0280, -19.2408, 11.3764



66.2540, -15.4082, -4.6078

Triad

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



68.0280, -19.2408, 11.3764



57.2200, 16.1605, -50.1819



72.0100, 8.3761, 20.1622

Complementary

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



68.0280, -19.2408, 11.3764



41.9720, 19.2408, -11.3764

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.



70.9520, 16.2927, 0.9191



68.0280, -19.2408, 11.3764



57.0550, 23.1439, -50.0372

Square

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



68.0280, -19.2408, 11.3764



54.9400, 7.4246, -48.1824



65.7530, 21.3208, -25.2164



70.7850, -0.3870, 30.8836

Rectangle

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



68.0280, -19.2408, 11.3764



63.6700, -9.6973, -16.3736



65.7530, 21.3208, -25.2164



72.0740, 11.3025, 14.8441

Sweetspot

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



68.0280, -19.2408, 11.3764



99.7850, -7.2890, 4.5736



45.9160, -2.4236, 30.7687



50.7570, -4.8102, 2.8441



181.0000, 0.0000, 0.0000



54.0000, 0.0000, 0.0000

Same Dimension

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



68.0280, -19.2408, 11.3764



84.6130, -29.8822, 17.8794



70.8860, -20.6498, -3.4080



39.9570, -1.4578, 0.9147



78.3550, -38.6290, 23.3677



174.4410, -85.9994, 50.4792

Inverse Universe

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



41.9720, 19.2408, -11.3764



44.3870, 29.8822, -17.8794



39.1140, 20.6498, 3.4080



38.0430, 1.4578, -0.9147



26.0580, 38.9184, -22.8529



58.1460, 85.7100, -50.9940

Previews

White Background



This preview shows how the YUV color 68.0280, -19.2408, 11.3764 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 68.0280, -19.2408, 11.3764 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 68.0280, -19.2408, 11.3764

Background



This preview shows how black text looks on a background with the YUV color 68.0280, -19.2408, 11.3764.



This preview shows how white text looks on a background with the YUV color 68.0280, -19.2408,

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

68.0280, -19.2408, 11.3764

Protanopia

67.7180, -19.0880, 9.0173

Deuteranopia

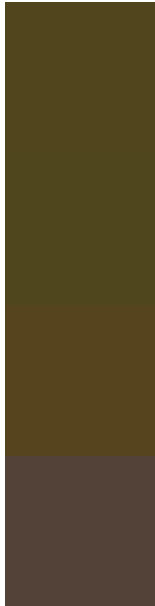
68.7620, -19.1097, 15.9947



Tritanopia

71.2510, -0.6167, 11.1809

Trichromacy



Original Color

68.0280, -19.2408, 11.3764

Protanomaly

68.0170, -19.2354, 9.6321

Deuteranomaly

68.7510, -19.1042, 14.2504

Tritanomaly

69.8290, -7.3107, 11.5510

Monochromacy



Original Color

68.0280, -19.2408, 11.3764

Achromatopsia

68.0000, 0.0000, 0.0000

Achromatomaly

67.8990, -6.8522, 4.4736

CSS Examples

Text

The CSS property to change the color of the text to YUV 68.0280, -19.2408, 11.3764 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(81, 69, 29)` looks like.

```
.text, #text, p{  
    color:rgb(81, 69, 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(81, 69, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 69, 29) }
```

Border

The CSS property to change the border of an element to YUV 68.0280, -19.2408, 11.3764 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(81, 69, 29) }
```


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

```
.border{ border-color:rgb(81, 69, 29) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 69, 29)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 69, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 69, 29);  
box-shadow:4px 4px 4px 4px rgb(81, 69, 29)  
}
```

Background

The CSS property to change the background color of an element to YUV 68.0280, -19.2408, 11.3764 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 69, 29) }
```

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

```
.background{ background-color: rgb(81, 69,  
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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