

Converting Colors

YUV(68.3030, -19.8694,
-20.4367)

Have a look what the booklet for
YUV(68.3030, -19.8694, -20.4367)
contains.

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Color

**YUV(68.3030, -19.8694,
-20.4367)**

Conversions

Conversions Part 1

Format	Color
Hex	2D581C
RGB	45, 88, 28
RGB Percent	18%, 35%, 11%
CMY	0.8235, 0.6549, 0.8902
CMYK	0.49, 0.00, 0.68, 0.65
HSL	103°, 52%, 23%
HSV	103°, 68%, 35%
XYZ	4.7815, 7.6212, 2.3176
YIQ	68.3030, -6.3680, -27.7760

Conversions

Conversions Part 2

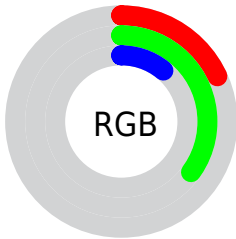
Format	Color
RYB	28, 88, 71
Decimal	2971676
CIELab	33.18, -27.41, 29.37
CIELCh	33, 40.172, 133.025
Yxy	7.6212, 0.3248, 0.5177
Android (android.graphics.Color)	4281161756 (0xFF2D581C)
YUV	68.3030, -19.8694, -20.4367
Hunter-Lab	27.6065, -17.3947, 14.3470

Details

The YUV color **68.3030, -19.8694, -20.4367** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **47.6970, 19.8694, 20.4367**, and the grayscale version is **68.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **117.9610, -21.1798, -20.1368**, and **24.6540, -12.1544, -21.6216** is the 20% darker color. If you saturate the color by 10%, you get **65.4830, -22.9161, -23.2256**, and if you desaturate by 10%, it is **71.1230, -16.8226, -17.6479**.

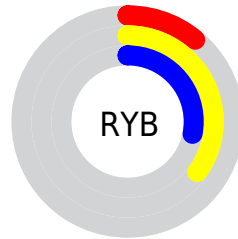
Distribution



Red (18%)

Green (35%)

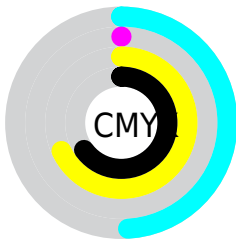
Blue (11%)



Red (11%)

Yellow (35%)

Blue (28%)

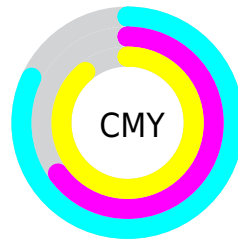


Cyan (49%)

Magenta (0%)

Yellow (68%)

Black (65%)



Cyan (82%)

Magenta (65%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YUV color 68.3030, -19.8694, -20.4367 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 68.3030, -19.8694, -20.4367 by changing the saturation by 10% instead.

■ 68.3030, -19.8694,
-20.4367

■ 68.3030, -19.8694,
-20.4367

255.0000, 0.0000,
0.0000

■ 44.0040, -19.7220,
-21.0515

■ 117.9610,
-21.1798, -20.1368

■ 24.6540, -12.1544,
-21.6216

■ 144.3200,
-22.3428, -20.4516

■ 11.1530, -5.4984,
-9.7812

■ 170.9070,
-22.6322, -20.9664

■ 0.0000, 0.0000,
0.0000

■ 198.3800,
-23.3583, -21.3813

■ 226.8530,
-24.0845, -21.7961

■ 242.1240,

-18.3021, -9.7557

■ 252.6060, -9.1728,
2.0995

■ 68.3030, -19.8694,
-20.4367

■ 68.3030, -19.8694,
-20.4367

■ 65.4830, -22.9161,
-23.2256

■ 71.1230, -16.8226,
-17.6479

■ 62.3640, -25.8155,
-26.6292

■ 74.2420, -13.9233,
-14.2442

■ 59.6580, -28.4254,
-29.5181

■ 76.9480, -11.3134,
-11.3554

■ 59.1310, -29.1516,
-29.9329

■ 79.7680, -8.2666,
-8.5665

■ 82.8870, -5.3673,
-5.1629

■ 85.7070, -2.3206,
-2.3740

■ 88.5270, 0.7262,
0.4148

■ 91.2330, 3.3361,
3.3037

■ 94.3520, 6.2355,
6.7073

Harmonies

Analogous

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



72.4500, -32.7598, 7.4984



68.3030, -19.8694, -20.4367



60.6160, -1.2897, -53.1602

Triad

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



68.3030, -19.8694, -20.4367



66.9150, 35.5379, -58.6845



75.4780, -4.6727, 52.2008

Complementary

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



68.3030, -19.8694, -20.4367



47.6970, 19.8694, 20.4367

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.



78.0820, 9.3266, 42.0241



68.3030, -19.8694, -20.4367



72.5210, 33.2671, -30.2749

Square

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



68.3030, -19.8694, -20.4367



67.7980, 26.2286, -59.4588



80.2340, 22.0696, 14.7038



75.8350, -19.6387, 45.7487

Rectangle

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



68.3030, -19.8694, -20.4367



63.7110, 8.0305, -55.8745



80.2340, 22.0696, 14.7038



76.3190, -0.1573, 50.5862

Sweetspot

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



68.3030, -19.8694, -20.4367



107.2950, -7.5404, -8.1517



71.1810, -21.2882, 14.7503



54.4140, -4.6411, -4.7481



186.0000, 0.0000, 0.0000



59.0000, 0.0000, 0.0000

Same Dimension

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



68.3030, -19.8694, -20.4367



83.9520, -31.0353, -32.4069



64.7020, -11.6851, -32.1877



41.6470, -1.3050, -1.4444



71.7790, -35.3870, -36.6402



157.6790, -77.7357, -80.4025

Inverse Universe

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



47.6970, 19.8694, 20.4367



51.7490, 31.1827, 31.7921



51.2980, 11.6851, 32.1877



40.3530, 1.3050, 1.4444



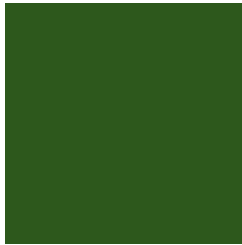
35.2210, 35.3870, 36.6402



77.0220, 77.8832, 79.7877

Previews

White Background



This preview shows how the YUV color 68.3030, -19.8694, -20.4367 looks on a white background.

Color Contrast Check

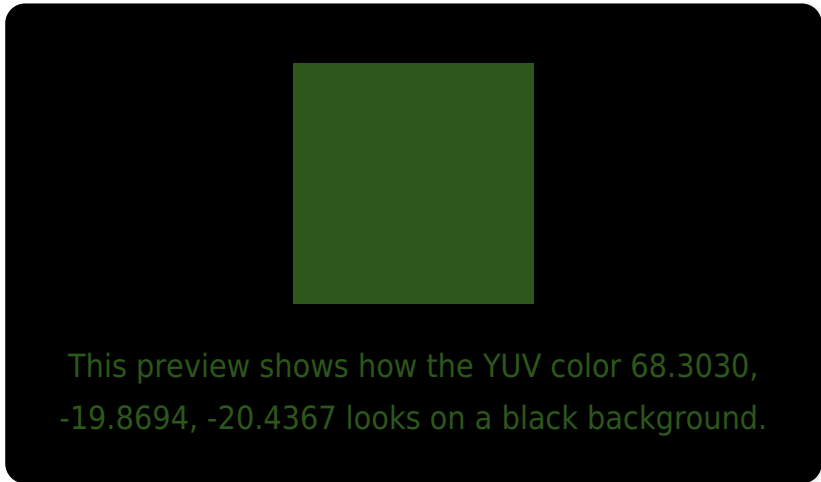
Large Text (above 18pt) WCAG AA ✓ Pass

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

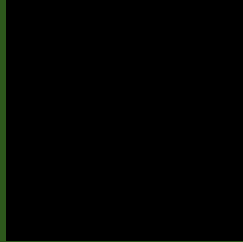
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 68.3030, -19.8694, -20.4367

Background



This preview shows how black text looks on a background with the YUV color 68.3030, -19.8694, -20.4367.



This preview shows how white text looks on a background with the YUV color 68.3030, -19.8694, -20.4367.

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

68.3030, -19.8694, -20.4367

Protanopia

74.6490, -24.4770, 10.8318

Deuteranopia

76.2030, -21.2991, 18.2390



Tritanopia

75.0240, 6.8902, -16.6840

Trichromacy



Original Color

68.3030, -19.8694, -20.4367

Protanomaly

72.6260, -22.9866, -0.5490

Deuteranomaly

73.2290, -20.8189, 4.1842

Tritanomaly

72.4940, -2.7085, -17.9732

Monochromacy



Original Color

68.3030, -19.8694, -20.4367

Achromatopsia

68.0000, 0.0000, 0.0000

Achromatomaly

68.0070, -7.3985, -7.0221

CSS Examples

Text

The CSS property to change the color of the text to YUV 68.3030, -19.8694, -20.4367 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(45, 88, 28)` looks like.

```
.text, #text, p{  
    color:rgb(45, 88, 28)  
}
```

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(45, 88, 28) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(45, 88, 28) }
```

Border

The CSS property to change the border of an element to YUV 68.3030, -19.8694, -20.4367 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(45, 88, 28) }
```


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

```
.border{ border-color:rgb(45, 88, 28) }
```

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

Here you see how a box with a 4 pixel rgb(45, 88, 28) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(45, 88, 28); -webkit-box-  
shadow:4px 4px 4px 4px rgb(45, 88, 28);  
box-shadow:4px 4px 4px 4px rgb(45, 88, 28)  
}
```

Background

The CSS property to change the background color of an element to YUV 68.3030, -19.8694, -20.4367 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(45, 88, 28) }
```

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

```
.background{ background-color: rgb(45, 88,  
28) }
```

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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