

Converting Colors

YUV(67.1420, 31.4820,
-17.6645)

Have a look what the booklet for
YUV(67.1420, 31.4820, -17.6645)
contains.

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Color

**YUV(67.1420, 31.4820,
-17.6645)**

Conversions

Conversions Part 1

Format	Color
Hex	2F4183
RGB	47, 65, 131
RGB Percent	18%, 25%, 51%
CMY	0.8157, 0.7451, 0.4863
CMYK	0.64, 0.50, 0.00, 0.49
HSL	227°, 47%, 35%
HSV	227°, 64%, 51%
XYZ	7.1593, 6.0236, 22.2581
YIQ	67.1420, -31.9140, 16.7100

Conversions

Conversions Part 2

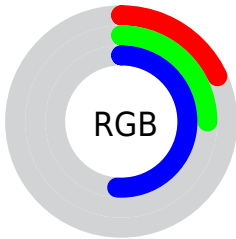
Format	Color
R_{YB}	47, 62, 131
Decimal	3096963
CIE _{Lab}	29.47, 15.16, -39.42
CIE _{LCh}	29, 42.232, 291.039
Yxy	6.0236, 0.2020, 0.1700
Android (android.graphics.Color)	4281287043 (0xFF2F4183)
YUV	67.1420, 31.4820, -17.6645
Hunter-Lab	24.5431, 9.1188, -36.5898




Details

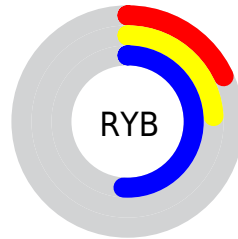
The YUV color **67.1420, 31.4820, -17.6645** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **110.8580, -31.4820, 17.6645**, and the grayscale version is **67.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **117.3320, 33.3603, -13.4462**, and **22.7350, 28.7246, -19.9386** is the 20% darker color. If you saturate the color by 10%, you get **57.3850, 36.2922, -20.5086**, and if you desaturate by 10%, it is **76.8990, 26.6718, -14.8204**.

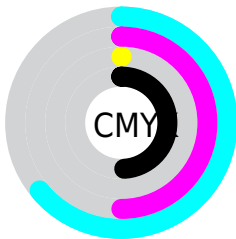
Distribution







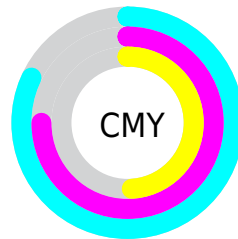
-  Red (18%)
-  Green (25%)
-  Blue (51%)






-  Red (18%)
-  Yellow (24%)
-  Blue (51%)



-  Cyan (64%)
-  Magenta (50%)
-  Yellow (0%)
-  Black (49%)



-  Cyan (82%)
-  Magenta (75%)
-  Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YUV color 67.1420, 31.4820, -17.6645 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 67.1420, 31.4820, -17.6645 by changing the saturation by 10% instead.

■ 67.1420, 31.4820,
-17.6645

■ 67.1420, 31.4820,
-17.6645

■ 255.0000, 0.0000,
0.0000

■ 41.0980, 31.5037,
-24.6419

■ 117.3320, 33.3603,
-13.4462

■ 22.7350, 28.7246,
-19.9386

■ 143.7450, 33.6497,
-12.9314

■ 6.6120, 25.3343,
-5.7987

■ 170.3860, 34.8127,
-12.6165

■ 5.1640, 14.7091,
-4.5288

■ 196.2030, 28.9869,
-10.7020

■ 1.1400, 4.3680,
-0.9998

■ 221.3100, 16.6092,
-7.2879

■ 0.0000, 0.0000,
0.0000

■ 246.4170, 4.2314,

-3.8737

■ 67.1420, 31.4820,
-17.6645

■ 67.1420, 31.4820,
-17.6645

■ 57.3850, 36.2922,
-20.5086

■ 76.8990, 26.6718,
-14.8204

■ 47.0410, 41.3918,
-22.8380

■ 87.2430, 21.5722,
-12.4911

■ 37.2840, 46.2020,
-25.6821

■ 97.0000, 16.7620,
-9.6470

■ 31.3700, 49.1176,
-27.5115

■ 106.7570, 11.9518,
-6.8029

■ 116.8130, 6.9942,
-3.3440

■ 127.1570, 1.8946,
-1.0147

■ 136.9140, -2.9156,
1.8294

■ 146.6710, -7.7258,
4.6735

■ 157.0150,
-12.8254, 7.0028

Harmonies

Analogous

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



59.8880, 36.5372, -52.5218



67.1420, 31.4820, -17.6645



71.0180, 19.7111, 24.5402

Triad

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



67.1420, 31.4820, -17.6645



65.7870, -23.5590, 43.1598



55.9200, 1.0254, -49.0418

Complementary

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



67.1420, 31.4820, -17.6645



110.8580, -31.4820, 17.6645

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.



55.1810, -14.8792, -34.3617



67.1420, 31.4820, -17.6645



65.3750, -32.2299, 24.2271

Square

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



67.1420, 31.4820, -17.6645



65.1640, -8.4619, 54.2302



62.8620, -30.9910, 0.1210



59.7960, 15.8766, -52.4411

Rectangle

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



67.1420, 31.4820, -17.6645



68.2500, 11.2158, 42.7538



62.8620, -30.9910, 0.1210



54.0790, -3.4899, -47.4273

Sweetspot

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



67.1420, 31.4820, -17.6645



145.8710, 12.3886, -6.9029



103.8320, 4.5198, -49.8417



71.6280, 7.5784, -4.0588



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



67.1420, 31.4820, -17.6645



70.4840, 49.5544, -27.6115



63.7520, 33.1533, 6.3565



61.2710, 2.3314, -1.1147



31.2560, 48.6808, -27.4115



0.9290, 1.0210, -0.8147

Inverse Universe

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



74.1680, -4.5198, 49.8417



81.6600, -7.2274, 78.3512



114.2480, -33.1533, -6.3565



61.9080, -0.4476, 3.5887



42.0620, -6.9326, 77.1216



1.0110, -0.0054, 1.7444

Previews

White Background



This preview shows how the YUV color 67.1420, 31.4820, -17.6645 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 67.1420, 31.4820, -17.6645 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

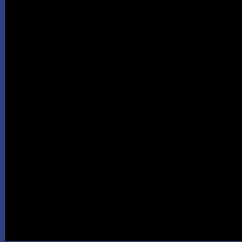
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 67.1420, 31.4820, -17.6645

Background



This preview shows how black text looks on a background with the YUV color 67.1420, 31.4820, -17.6645.



This preview shows how white text looks on a background with the YUV color 67.1420, 31.4820,

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

67.1420, 31.4820, -17.6645

Protanopia

63.7600, 34.1353, -28.7305

Deuteranopia

55.8130, 33.6162, -48.9480



Tritanopia

60.0430, 11.3178, -36.8717

Trichromacy



Original Color

67.1420, 31.4820, -17.6645

Protanomaly

64.8530, 33.1035, -24.4271

Deuteranomaly

60.0640, 32.9994, -37.7671

Tritanomaly

62.9220, 18.2795, -29.7496

Monochromacy



Original Color

67.1420, 31.4820, -17.6645

Achromatopsia

67.0000, 0.0000, 0.0000

Achromatomaly

66.9420, 11.3676, -6.0881

CSS Examples

Text

The CSS property to change the color of the text to YUV 67.1420, 31.4820, -17.6645 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(47, 65, 131)` looks like.

```
.text, #text, p{  
    color:rgb(47, 65, 131)  
}
```

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(47, 65, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 65, 131) }
```

Border

The CSS property to change the border of an element to YUV 67.1420, 31.4820, -17.6645 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(47, 65, 131) }
```


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

```
.border{ border-color:rgb(47, 65, 131) }
```

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

Here you see how a box with a 4 pixel rgb(47, 65, 131) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 65, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 65, 131);  
box-shadow:4px 4px 4px 4px rgb(47, 65,  
131) }
```

Background

The CSS property to change the background color of an element to YUV 67.1420, 31.4820, -17.6645 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 65, 131) }
```

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

```
.background{ background-color: rgb(47, 65,  
131) }
```

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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