

Converting Colors

YUV(84.4310, 29.8605,
-10.9020)

Have a look what the booklet for
YUV(84.4310, 29.8605, -10.9020)
contains.

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Color

**YUV(84.4310, 29.8605,
-10.9020)**

Conversions

Conversions Part 1

Format	Color
Hex	484F91
RGB	72, 79, 145
RGB Percent	28%, 31%, 57%
CMY	0.7176, 0.6902, 0.4314
CMYK	0.50, 0.46, 0.00, 0.43
HSL	234°, 34%, 43%
HSV	234°, 50%, 57%
XYZ	10.5793, 9.0140, 27.9704
YIQ	84.4310, -25.3580, 19.0420

Conversions

Conversions Part 2

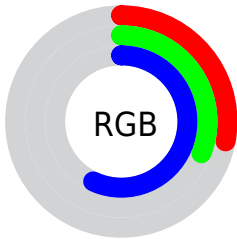
Format	Color
R_{YB}	72, 78, 145
Decimal	4738961
CIE _{Lab}	36.01, 16.33, -37.46
CIE _{LCh}	36, 40.867, 293.551
Yxy	9.0140, 0.2224, 0.1895
Android (android.graphics.Color)	4282929041 (0xFF484F91)
YUV	84.4310, 29.8605, -10.9020
Hunter-Lab	30.0234, 10.3570, -34.2194

Details

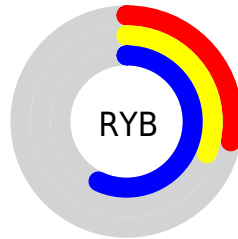
The YUV color **84.4310, 29.8605, -10.9020** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **132.5690, -29.8605, 10.9020**, and the grayscale version is **84.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **135.1970, 31.4549, -8.9428**, and **35.4470, 28.8666, -18.8090** is the 20% darker color. If you saturate the color by 10%, you get **72.6140, 35.6863, -12.8165**, and if you desaturate by 10%, it is **96.2480, 24.0347, -8.9875**.

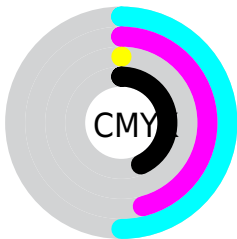
Distribution



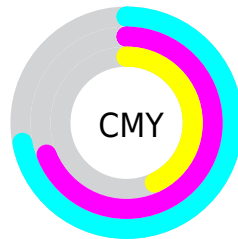
- Red (28%)
- Green (31%)
- Blue (57%)



- Red (28%)
- Yellow (31%)
- Blue (57%)



- Cyan (50%)
- Magenta (46%)
- Yellow (0%)
- Black (43%)



- Cyan (72%)
- Magenta (69%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the YUV color 84.4310, 29.8605, -10.9020 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 84.4310, 29.8605, -10.9020 by changing the saturation by 10% instead.

84.4310, 29.8605,
-10.9020

84.4310, 29.8605,
-10.9020

255.0000, 0.0000,
0.0000

59.8930, 29.1398,
-13.0612

135.1970, 31.4549,
-8.9428

35.4470, 28.8666,
-18.8090

161.8380, 32.6179,
-8.6279

16.7850, 26.2350,
-14.7204

189.1370, 32.4705,
-8.0131

7.7060, 19.3719,
-6.7582

213.3580, 20.5295,
-4.6990

3.4370, 10.6306,
-3.0142

238.4650, 8.1518,
-1.2848

0.0000, 0.0000,
0.0000

■ 84.4310, 29.8605,
-10.9020

■ 84.4310, 29.8605,
-10.9020

■ 72.6140, 35.6863,
-12.8165

■ 96.2480, 24.0347,
-8.9875

■ 60.4980, 41.6595,
-15.3457

■ 108.3640, 18.0615,
-6.4582

■ 48.6810, 47.4853,
-17.2602

■ 120.4800, 12.0884,
-3.9290

■ 36.5650, 53.4585,
-19.7895

■ 132.2970, 6.2626,
-2.0145

■ 24.7480, 59.2842,
-21.7040

■ 145.0000, 0.0000,
0.0000

■ 156.8170, -5.8258,
1.9145

■ 168.9330,
-11.7990, 4.4438

■ 180.7500,

-17.6247, 6.3582

■ 192.8660,
-23.5979, 8.8875

Harmonies

Analogous

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



70.5170, 39.1851, -61.8434



84.4310, 29.8605, -10.9020



87.5730, 17.9585, 26.6845

Triad

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



84.4310, 29.8605, -10.9020



82.7330, -25.0114, 42.3302



67.3640, 4.2575, -59.0782

Complementary

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



84.4310, 29.8605, -10.9020



132.5690, -29.8605, 10.9020

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.



71.8220, -13.7162, -34.0469



84.4310, 29.8605, -10.9020



80.9080, -33.9716, 22.8827

Square

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



84.4310, 29.8605, -10.9020



82.5830, -10.6404, 52.9857



78.1930, -29.6751, -1.9233



71.2400, 19.1087, -62.4775

Rectangle

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



84.4310, 29.8605, -10.9020



85.6800, 9.0318, 43.2536



78.1930, -29.6751, -1.9233



65.5230, -0.2578, -57.4637

Sweetspot

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



84.4310, 29.8605, -10.9020



165.0670, 11.7990, -4.4438



122.3750, 7.7031, -44.1789



80.1120, 6.8468, -2.7292



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



84.4310, 29.8605, -10.9020



94.4530, 46.6117, -17.0603



88.9930, 27.6115, 10.5301



65.3850, 2.7682, -1.2146



23.0210, 55.2056, -20.1894



1.4990, 3.2050, -1.3146

Inverse Universe

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



94.6250, -7.7031, 44.1789



110.3400, -11.9996, 68.9848



128.0070, -27.6115, -10.5301



66.2070, -0.5951, 4.2035



41.8470, -14.2216, 81.6952



2.5060, -0.7425, 4.8182

Previews

White Background



This preview shows how the YUV color 84.4310, 29.8605, -10.9020 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 84.4310, 29.8605, -10.9020 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

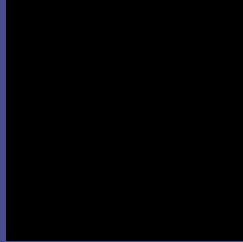
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 84.4310, 29.8605, -10.9020

Background



This preview shows how black text looks on a background with the YUV color 84.4310, 29.8605, -10.9020.



This preview shows how white text looks on a background with the YUV color 84.4310, 29.8605,

-10.9020.

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

84.4310, 29.8605, -10.9020

Protanopia

81.4510, 32.8087, -23.1975

Deuteranopia

78.8690, 32.1096, -32.3341



Tritanopia

80.9310, 7.9220, -20.9875

Trichromacy



Original Color

84.4310, 29.8605, -10.9020

Protanomaly

82.5440, 31.7768, -18.8941

Deuteranomaly

80.9840, 31.0669, -24.5420

Tritanomaly

82.0160, 15.7681, -17.5540

Monochromacy



Original Color

84.4310, 29.8605, -10.9020

Achromatopsia

84.0000, 0.0000, 0.0000

Achromatomaly

84.1380, 10.7780, -3.6290

CSS Examples

Text

The CSS property to change the color of the text to YUV 84.4310, 29.8605, -10.9020 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(72, 79, 145)` looks like.

```
.text, #text, p{  
    color:rgb(72, 79, 145)  
}
```

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(72, 79, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 79, 145) }
```

Border

The CSS property to change the border of an element to YUV 84.4310, 29.8605, -10.9020 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(72, 79, 145) }
```


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

```
.border{ border-color:rgb(72, 79, 145) }
```

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

Here you see how a box with a 4 pixel rgb(72, 79, 145) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 79, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 79, 145);  
box-shadow:4px 4px 4px 4px rgb(72, 79,  
145) }
```

Background

The CSS property to change the background color of an element to YUV 84.4310, 29.8605, -10.9020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 79, 145) }
```

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

```
.background{ background-color: rgb(72, 79,  
145) }
```

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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