

Converting Colors

YUV(83.6310, 16.4509, -3.1844)

Have a look what the booklet for
YUV(83.6310, 16.4509, -3.1844)
contains.

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Color

**YUV(83.6310, 16.4509,
-3.1844)**

Conversions

Conversions Part 1

Format	Color
Hex	504F75
RGB	80, 79, 117
RGB Percent	31%, 31%, 46%
CMY	0.6863, 0.6902, 0.5412
CMYK	0.32, 0.32, 0.00, 0.54
HSL	242°, 19%, 38%
HSV	242°, 32%, 46%
XYZ	9.3151, 8.5818, 17.9951
YIQ	83.6310, -11.6020, 12.0300

Conversions

Conversions Part 2

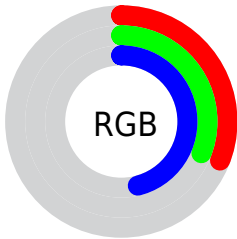
Format	Color
R_{YB}	80, 79, 117
Decimal	5263221
CIE _{Lab}	35.17, 9.98, -21.54
CIE _{LCh}	35, 23.739, 294.865
Yxy	8.5818, 0.2595, 0.2391
Android (android.graphics.Color)	4283453301 (0xFF504F75)
YUV	83.6310, 16.4509, -3.1844
Hunter-Lab	29.2947, 5.4937, -15.9143

Details

The YUV color **83.6310, 16.4509, -3.1844** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **112.3690, -16.4509, 3.1844**, and the grayscale version is **83.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **133.2720, 17.6139, -2.8695**, and **38.2780, 15.1459, -4.6288** is the 20% darker color. If you saturate the color by 10%, you get **73.2980, 21.5451, -3.7693**, and if you desaturate by 10%, it is **93.9640, 11.3567, -2.5994**.

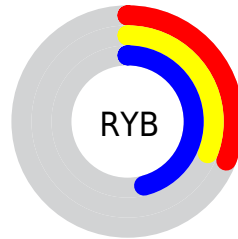
Distribution



Red (31%)

Green (31%)

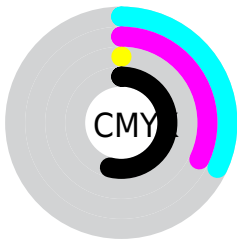
Blue (46%)



Red (31%)

Yellow (31%)

Blue (46%)

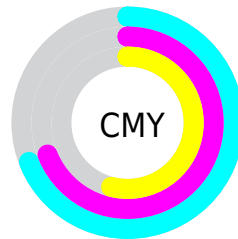


Cyan (32%)

Magenta (32%)

Yellow (0%)

Black (54%)



Cyan (69%)

Magenta (69%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YUV color 83.6310, 16.4509, -3.1844 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 83.6310, 16.4509, -3.1844 by changing the saturation by 10% instead.

■ 83.6310, 16.4509,
-3.1844

■ 83.6310, 16.4509,
-3.1844

■ 255.0000, 0.0000,
0.0000

■ 60.1040, 15.7247,
-3.5992

■ 133.2720, 17.6139,
-2.8695

■ 38.2780, 15.1459,
-4.6288

■ 159.7990, 18.3401,
-2.4547

■ 16.1640, 14.7091,
-4.5288

■ 186.9130, 18.7769,
-2.5547

■ 3.4370, 10.6306,
-3.0142

■ 214.3260, 19.0663,
-2.0399

■ 0.0000, 0.0000,
0.0000

■ 239.9490, 7.4201,
0.0447

■ 83.6310, 16.4509,
-3.1844

■ 83.6310, 16.4509,
-3.1844

■ 73.2980, 21.5451,
-3.7693

■ 93.9640, 11.3567,
-2.5994

■ 63.2530, 26.4973,
-5.4839

■ 104.0090, 6.4046,
-0.8849

■ 52.9200, 31.5914,
-6.0688

■ 114.3420, 1.3104,
-0.2999

■ 42.2880, 36.8330,
-7.2686

■ 124.9740, -3.9312,
0.8998

■ 32.5420, 41.6378,
-8.3683

■ 135.3070, -9.0254,
1.4848

■ 22.2090, 46.7320,
-8.9533


■ 145.0530,
-13.8301, 2.5845

■ 14.2350, 50.6631,
-9.8531

■ 155.6850,
-19.0717, 3.7843

■ 166.0180,

-24.1659, 4.3692

 176.0630,
-29.1181, 6.0837

Harmonies

Analogous

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



78.5140, 20.4526, -26.7608



83.6310, 16.4509, -3.1844



85.0310, 9.8447, 15.7588

Triad

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



83.6310, 16.4509, -3.1844



82.8540, -15.2110, 25.5610



72.5670, 3.1715, -37.3313

Complementary

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



83.6310, 16.4509, -3.1844



112.3690, -16.4509, 3.1844

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.



76.7130, -8.2395, -17.2883



83.6310, 16.4509, -3.1844



81.3920, -17.9413, 14.5652

Square

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



83.6310, 16.4509, -3.1844



83.8360, -7.8071, 30.8388



79.5750, -15.5665, -0.5043



65.7630, 15.8928, -57.6742

Rectangle

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



83.6310, 16.4509, -3.1844



84.8920, 3.9972, 24.6507



79.5750, -15.5665, -0.5043



74.1720, -1.0708, -29.9688

Sweetspot

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



83.6310, 16.4509, -3.1844



139.7100, 6.5520, -1.4997



105.0510, 5.8909, -22.8467



68.4390, 4.2206, -0.3850



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



83.6310, 16.4509, -3.1844



100.4380, 25.9131, -4.7691



89.3120, 13.6502, 8.4964



53.6840, 2.6208, -0.5999



14.8050, 52.8471, -10.3530



30.5930, 108.1677, -20.6911

Inverse Universe

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



94.5800, 10.5601, 19.6623



117.5520, 16.4899, 31.0879



106.6880, -13.6502, -8.4964



55.3640, 1.2995, 3.1888



50.0440, 33.9953, 63.1054



102.4520, 69.2902, 129.3996

Previews

White Background



This preview shows how the YUV color 83.6310, 16.4509, -3.1844 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 83.6310, 16.4509, -3.1844 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 83.6310, 16.4509, -3.1844

Background



This preview shows how black text looks on a background with the YUV color 83.6310, 16.4509, -3.1844.



This preview shows how white text looks on a background with the YUV color 83.6310, 16.4509,

-3.1844.

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

83.6310, 16.4509, -3.1844

Protanopia

82.3420, 18.0724, -9.9469

Deuteranopia

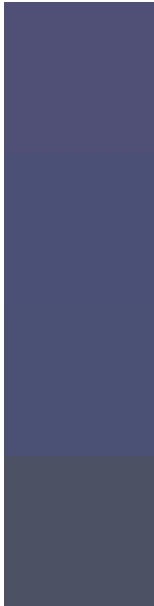
82.5870, 16.4726, -10.1618



Tritanopia

81.8080, 4.5317, -6.8476

Trichromacy



Original Color

83.6310, 16.4509, -3.1844

Protanomaly

82.5380, 17.4828, -7.4878

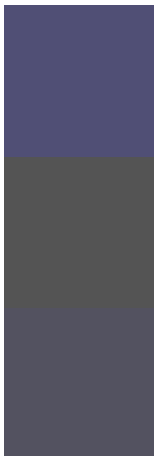
Deuteranomaly

82.8970, 16.3198, -7.8027

Tritanomaly

82.2580, 8.7468, -5.4883

Monochromacy



Original Color

83.6310, 16.4509, -3.1844

Achromatopsia

84.0000, 0.0000, 0.0000

Achromatomaly

83.8950, 5.9678, -0.7849

CSS Examples

Text

The CSS property to change the color of the text to YUV 83.6310, 16.4509, -3.1844 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(80, 79, 117)` looks like.

```
.text, #text, p{  
    color:rgb(80, 79, 117)  
}
```

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(80, 79, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 79, 117) }
```

Border

The CSS property to change the border of an element to YUV 83.6310, 16.4509, -3.1844 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(80, 79, 117) }
```


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

```
.border{ border-color:rgb(80, 79, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 79, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 79, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 79, 117);  
box-shadow:4px 4px 4px 4px rgb(80, 79,  
117) }
```

Background

The CSS property to change the background color of an element to YUV 83.6310, 16.4509, -3.1844 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 79, 117) }
```

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

```
.background{ background-color: rgb(80, 79,  
117) }
```

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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