

Converting Colors

YUV(84.5170, 16.0141, -3.0844)

Have a look what the booklet for
YUV(84.5170, 16.0141, -3.0844)
contains.

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Color

**YUV(84.5170, 16.0141,
-3.0844)**

Conversions

Conversions Part 1

Format	Color
Hex	515075
RGB	81, 80, 117
RGB Percent	32%, 31%, 46%
CMY	0.6824, 0.6863, 0.5412
CMYK	0.31, 0.32, 0.00, 0.54
HSL	242°, 19%, 39%
HSV	242°, 32%, 46%
XYZ	9.4729, 8.7710, 18.0233
YIQ	84.5170, -11.2810, 11.7190

Conversions

Conversions Part 2

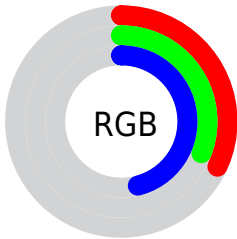
Format	Color
R_{YB}	81, 80, 117
Decimal	5329013
CIE Lab	35.54, 9.67, -20.95
CIE LCh	36, 23.074, 294.768
Yxy	8.7710, 0.2612, 0.2418
Android (android.graphics.Color)	4283519093 (0xFF515075)
YUV	84.5170, 16.0141, -3.0844
Hunter-Lab	29.6159, 5.2669, -15.3510

Details

The YUV color **84.5170, 16.0141, -3.0844** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **112.4830, -16.0141, 3.0844**, and the grayscale version is **84.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **134.1580, 17.1771, -2.7696**, and **39.1640, 14.7091, -4.5288** is the 20% darker color. If you saturate the color by 10%, you get **74.1840, 21.1083, -3.6694**, and if you desaturate by 10%, it is **94.8500, 10.9200, -2.4994**.

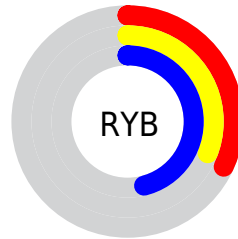
Distribution



Red (32%)

Green (31%)

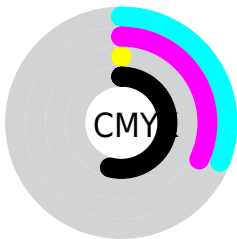
Blue (46%)



Red (32%)

Yellow (31%)

Blue (46%)

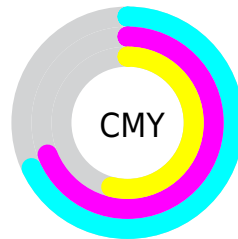


Cyan (31%)

Magenta (32%)

Yellow (0%)

Black (54%)



Cyan (68%)

Magenta (69%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YUV color 84.5170, 16.0141, -3.0844 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 84.5170, 16.0141, -3.0844 by changing the saturation by 10% instead.

■ 84.5170, 16.0141,
-3.0844

■ 84.5170, 16.0141,
-3.0844

■ 255.0000, 0.0000,
0.0000

■ 60.9900, 15.2879,
-3.4992

■ 134.1580, 17.1771,
-2.7696

■ 39.1640, 14.7091,
-4.5288

■ 160.6850, 17.9033,
-2.3547

■ 17.6370, 13.9830,
-4.9436

■ 187.7990, 18.3401,
-2.4547

■ 3.4370, 10.6306,
-3.0142

■ 215.7990, 18.3401,
-2.4547

■ 0.0000, 0.0000,
0.0000

■ 240.8350, 6.9833,
0.1447

■ 84.5170, 16.0141,
-3.0844

■ 84.5170, 16.0141,
-3.0844

■ 74.1840, 21.1083,
-3.6694

■ 94.8500, 10.9200,
-2.4994

■ 64.1390, 26.0605,
-5.3839

■ 104.8950, 5.9678,
-0.7849

■ 53.8060, 31.1546,
-5.9689

■ 115.2280, 0.8736,
-0.2000

■ 43.1740, 36.3962,
-7.1686

■ 125.8600, -4.3680,
0.9998

■ 33.4280, 41.2010,
-8.2684

■ 136.1930, -9.4621,
1.5847

■ 23.0950, 46.2952,
-8.8533


■ 145.9390,
-14.2669, 2.6845

■ 14.2350, 50.6631,
-9.8531

■ 156.5710,
-19.5085, 3.8842

■ 166.9040,

-24.6027, 4.4692

 176.6500,
-29.4075, 5.5689

Harmonies

Analogous

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



79.4110, 20.0104, -24.9164



84.5170, 16.0141, -3.0844



85.9170, 9.4079, 15.8588

Triad

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



84.5170, 16.0141, -3.0844



83.6690, -14.6268, 24.8463



73.5780, 3.1660, -35.5869

Complementary

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



84.5170, 16.0141, -3.0844



112.4830, -16.0141, 3.0844

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.



77.8270, -7.8027, -17.3883



84.5170, 16.0141, -3.0844



82.5060, -17.5045, 14.4652

Square

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



84.5170, 16.0141, -3.0844



84.5370, -7.6597, 30.2241



80.5750, -15.5665, -0.5043



66.6600, 15.4506, -55.8298

Rectangle

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



84.5170, 16.0141, -3.0844



85.8920, 3.9972, 24.6507



80.5750, -15.5665, -0.5043



75.4710, -1.2182, -29.3541

Sweetspot

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



84.5170, 16.0141, -3.0844



140.8950, 5.9678, -0.7849



105.3500, 5.7435, -22.2319



69.0260, 3.9312, -0.8998



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.



84.5170, 16.0141, -3.0844



101.9110, 25.1869, -5.1839



89.8990, 13.3608, 7.9816



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.



95.1670, 10.2707, 19.1475



118.7260, 15.9111, 30.0583



107.1010, -13.3608, -7.9816



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 84.5170, 16.0141, -3.0844 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 84.5170, 16.0141, -3.0844 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

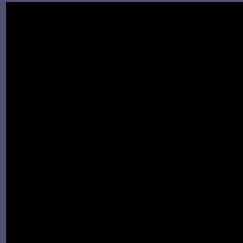
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 84.5170, 16.0141, -3.0844

Background



This preview shows how black text looks on a background with the YUV color 84.5170, 16.0141, -3.0844.



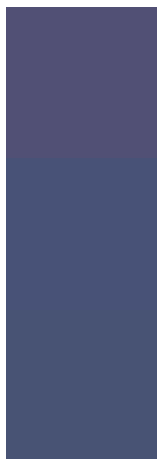
This preview shows how white text looks on a background with the YUV color 84.5170, 16.0141,

-3.0844.

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

84.5170, 16.0141, -3.0844

Protanopia

83.2280, 17.6356, -9.8470

Deuteranopia

83.4730, 16.0358, -10.0618



Tritanopia

83.1070, 4.3842, -6.2328

Trichromacy



Original Color

84.5170, 16.0141, -3.0844

Protanomaly

83.4240, 17.0460, -7.3878

Deuteranomaly

83.7830, 15.8830, -7.7027

Tritanomaly

83.5570, 8.5994, -4.8735

Monochromacy



Original Color

84.5170, 16.0141, -3.0844

Achromatopsia

85.0000, 0.0000, 0.0000

Achromatomaly

84.8950, 5.9678, -0.7849

CSS Examples

Text

The CSS property to change the color of the text to YUV 84.5170, 16.0141, -3.0844 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, 80, 117)` looks like.

```
.text, #text, p{  
    color:rgb(81, 80, 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(81, 80, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 80, 117) }
```

Border

The CSS property to change the border of an element to YUV 84.5170, 16.0141, -3.0844 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, 80, 117) }
```


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

```
.border{ border-color:rgb(81, 80, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 80, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 80, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 80, 117);  
box-shadow:4px 4px 4px 4px rgb(81, 80,  
117) }
```

Background

The CSS property to change the background color of an element to YUV 84.5170, 16.0141, -3.0844 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 80, 117) }
```

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

```
.background{ background-color: rgb(81, 80,  
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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