

Converting Colors

YUV(85.1670, 16.6797,
-29.9645)

Have a look what the booklet for
YUV(85.1670, 16.6797, -29.9645)
contains.

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Color

**YUV(85.1670, 16.6797,
-29.9645)**

Conversions

Conversions Part 1

Format	Color
Hex	336077
RGB	51, 96, 119
RGB Percent	20%, 38%, 47%
CMY	0.8000, 0.6235, 0.5333
CMYK	0.57, 0.19, 0.00, 0.53
HSL	200°, 40%, 33%
HSV	200°, 57%, 47%
XYZ	8.8779, 10.4015, 18.9925
YIQ	85.1670, -34.2030, -2.3870

Conversions

Conversions Part 2

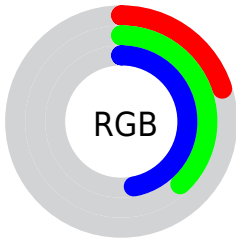
Format	Color
RYB	51, 78, 119
Decimal	3367031
CIELab	38.55, -8.28, -17.69
CIElCh	39, 19.533, 244.909
Yxy	10.4015, 0.2320, 0.2718
Android (android.graphics.Color)	4281557111 (0xFF336077)
YUV	85.1670, 16.6797, -29.9645
Hunter-Lab	32.2513, -7.3037, -12.3395

Details

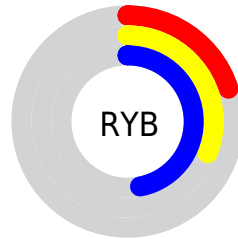
The YUV color **85.1670, 16.6797, -29.9645** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **84.8330, -16.6797, 29.9645**, and the grayscale version is **85.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **135.9930, 17.2585, -28.9349**, and **37.4440, 16.5431, -32.8384** is the 20% darker color. If you saturate the color by 10%, you get **79.2310, 19.6061, -35.2826**, and if you desaturate by 10%, it is **91.1030, 13.7532, -24.6463**.

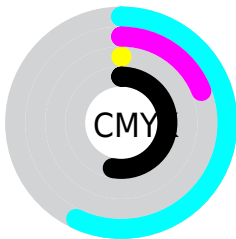
Distribution



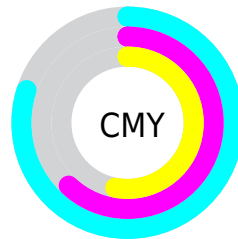
- Red (20%)
- Green (38%)
- Blue (47%)



- Red (20%)
- Yellow (31%)
- Blue (47%)



- Cyan (57%)
- Magenta (19%)
- Yellow (0%)
- Black (53%)



- Cyan (80%)
- Magenta (62%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YUV color 85.1670, 16.6797, -29.9645 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 85.1670, 16.6797, -29.9645 by changing the saturation by 10% instead.

■ 85.1670, 16.6797,
-29.9645

■ 85.1670, 16.6797,
-29.9645

■ 255.0000, 0.0000,
0.0000

■ 59.8570, 16.8325,
-32.3236

■ 135.9930, 17.2585,
-28.9349

■ 37.4440, 16.5431,
-32.8384

■ 163.1070, 17.6952,
-29.0348

■ 22.4950, 12.5740,
-19.7281

■ 190.2210, 18.1320,
-29.1348

■ 3.6650, 11.5042,
-3.2142

■ 217.9220, 18.2795,
-29.7496

■ 0.0000, 0.0000,
0.0000

■ 242.4420, 6.1911,
-25.8206

■ 251.1130, 1.9163,

-7.9921

■ 85.1670, 16.6797,
-29.9645

■ 85.1670, 16.6797,
-29.9645

■ 79.2310, 19.6061,
-35.2826

■ 91.1030, 13.7532,
-24.6463

■ 73.2950, 22.5326,
-40.6007

■ 97.0390, 10.8268,
-19.3282

■ 67.3590, 25.4590,
-45.9188

■ 102.9750, 7.9003,
-14.0101

■ 61.4230, 28.3855,
-51.2370

■ 108.9110, 4.9739,
-8.6919

■ 59.9390, 29.1171,
-52.5665

■ 114.5480, 2.1948,
-3.9886

■ 120.4840, -0.7316,
1.3295

■ 126.4200, -3.6581,
6.6477

■ 132.3560, -6.5845,
11.9658

■ 138.2920, -9.5110,
17.2839

Harmonies

Analogous

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



82.0860, 12.7756, -37.7864



85.1670, 16.6797, -29.9645



89.4510, 16.0467, -13.5505

Triad

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



85.1670, 16.6797, -29.9645



92.9970, -1.9705, 25.4356



87.5790, -11.6244, -4.8928

Complementary

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



85.1670, 16.6797, -29.9645



84.8330, -16.6797, 29.9645

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.



89.7440, -15.1568, 8.1175



85.1670, 16.6797, -29.9645



92.0480, -9.3907, 25.3909

Square

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



85.1670, 16.6797, -29.9645



93.1900, 5.3293, 17.3734



90.8640, -13.7370, 19.4133



85.4400, -4.1609, -18.8029

Rectangle

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



85.1670, 16.6797, -29.9645



91.8330, 13.3933, -2.4845



90.8640, -13.7370, 19.4133



88.5580, -13.0931, -0.4894

Sweetspot

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



85.1670, 16.6797, -29.9645



142.6440, 6.5845, -11.9658



93.5380, -9.6322, -37.3058



71.2810, 3.8055, -7.2624



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



85.1670, 16.6797, -29.9645



101.9890, 26.6274, -47.3484



65.2090, 26.5190, -12.4613



56.0320, 1.4632, -2.6591



61.4550, 29.8487, -53.8960



125.3550, 61.4500, -109.9363

Inverse Universe

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



76.4620, 9.6322, 37.3058



88.3860, 15.0927, 59.2975



104.7910, -26.5190, 12.4613



55.2500, 0.8628, 3.2888



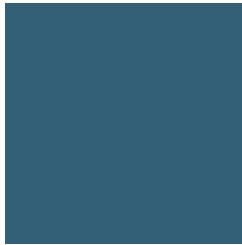
45.7120, 17.3970, 66.9046



93.5600, 35.2199, 137.1979

Previews

White Background



This preview shows how the YUV color 85.1670, 16.6797, -29.9645 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 × Fail

Black Background



This preview shows how the YUV color 85.1670, 16.6797, -29.9645 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

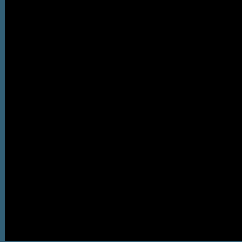
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 85.1670, 16.6797, -29.9645

Background



This preview shows how black text looks on a background with the YUV color 85.1670, 16.6797, -29.9645.

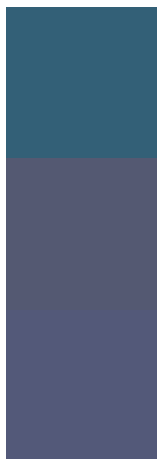


This preview shows how white text looks on a background with the YUV color 85.1670, 16.6797,

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

85.1670, 16.6797, -29.9645

Protanopia

90.3550, 11.6570, -5.5733

Deuteranopia

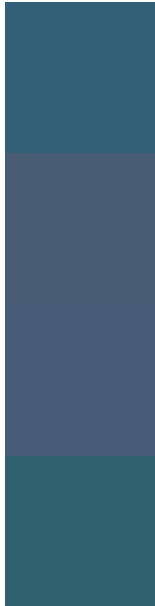
90.8540, 14.8620, -6.8880



Tritanopia

83.3640, 11.1595, -32.7682

Trichromacy



Original Color

85.1670, 16.6797, -29.9645

Protanomaly

88.7560, 13.4313, -14.6950

Deuteranomaly

88.9130, 15.3259, -15.7097

Tritanomaly

83.9450, 13.3381, -31.5238

Monochromacy



Original Color

85.1670, 16.6797, -29.9645

Achromatopsia

85.0000, 0.0000, 0.0000

Achromatomaly

85.1280, 5.8529, -10.6363

CSS Examples

Text

The CSS property to change the color of the text to YUV 85.1670, 16.6797, -29.9645 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(51, 96, 119)` looks like.

```
.text, #text, p{  
    color:rgb(51, 96, 119)  
}
```

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(51, 96, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 96, 119) }
```

Border

The CSS property to change the border of an element to YUV 85.1670, 16.6797, -29.9645 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(51, 96, 119) }
```


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

```
.border{ border-color:rgb(51, 96, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 96, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 96, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 96, 119);  
box-shadow:4px 4px 4px 4px rgb(51, 96,  
119) }
```

Background

The CSS property to change the background color of an element to YUV 85.1670, 16.6797, -29.9645 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 96, 119) }
```

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

```
.background{ background-color: rgb(51, 96,  
119) }
```

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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