

Converting Colors

YUV(68.8980, -8.8237, -16.5735)

Have a look what the booklet for
YUV(68.8980, -8.8237, -16.5735)
contains.

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Color

**YUV(68.8980, -8.8237,
-16.5735)**

Conversions

Conversions Part 1

Format	Color
Hex	325233
RGB	50, 82, 51
RGB Percent	20%, 32%, 20%
CMY	0.8039, 0.6784, 0.8000
CMYK	0.39, 0.00, 0.38, 0.68
HSL	122°, 24%, 26%
HSV	122°, 39%, 32%
XYZ	4.9302, 6.9517, 4.2139
YIQ	68.8980, -9.1210, -16.4250

Conversions

Conversions Part 2

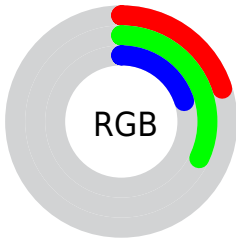
Format	Color
R_{YB}	50, 81, 82
Decimal	3297843
CIE _{Lab}	31.70, -19.12, 14.59
CIE _{LCh}	32, 24.046, 142.660
Yxy	6.9517, 0.3063, 0.4319
Android (android.graphics.Color)	4281487923 (0xFF325233)
YUV	68.8980, -8.8237, -16.5735
Hunter-Lab	26.3661, -12.7628, 8.9803

Details

The YUV color **68.8980, -8.8237, -16.5735** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **63.1020, 8.8237, 16.5735**, and the grayscale version is **69.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **117.9580, -9.8393, -17.5032**, and **24.1970, -8.9711, -15.9588** is the 20% darker color. If you saturate the color by 10%, you get **65.5940, -11.1388, -20.6919**, and if you desaturate by 10%, it is **72.2020, -6.5086, -12.4552**.

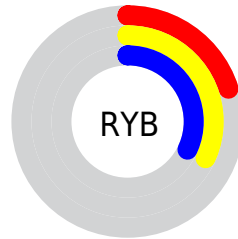
Distribution



 Red (20%)

 Green (32%)

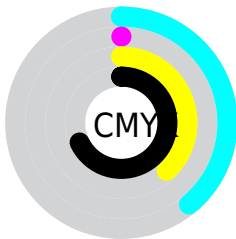
 Blue (20%)



 Red (20%)

 Yellow (32%)

 Blue (32%)

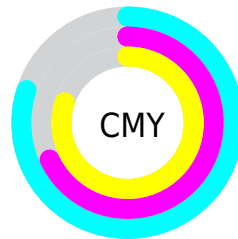


 Cyan (39%)

 Magenta (0%)

 Yellow (38%)

 Black (68%)



 Cyan (80%)

 Magenta (68%)

 Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YUV color 68.8980, -8.8237, -16.5735 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 68.8980, -8.8237, -16.5735 by changing the saturation by 10% instead.

■ 68.8980, -8.8237,
-16.5735

■ 68.8980, -8.8237,
-16.5735

255.0000, 0.0000,
0.0000

■ 46.1260, -7.9501,
-16.7735

■ 117.9580, -9.8393,
-17.5032

■ 24.1970, -8.9711,
-15.9588

■ 143.5450,
-10.1287, -18.0180

■ 7.0440, -3.4727,
-6.1776

■ 170.0180,
-10.8549, -18.4328

■ 0.0000, 0.0000,
0.0000

■ 197.6050,
-11.1443, -18.9476

■ 225.6050,
-11.1443, -18.9476

■ 245.3870, -7.0928,

-11.7404

■ 68.8980, -8.8237,
-16.5735

■ 68.8980, -8.8237,
-16.5735

■ 65.5940, -11.1388,
-20.6919

■ 72.2020, -6.5086,
-12.4552

■ 62.2900, -13.4540,
-24.8103

■ 75.5060, -4.1935,
-8.3368

■ 58.6870, -15.6217,
-29.5435

■ 79.1090, -2.0257,
-3.6036

■ 55.3830, -17.9368,
-33.6619

■ 82.4130, 0.2894,
0.5148

■ 52.0790, -20.2519,
-37.7803

■ 85.7170, 2.6045,
4.6332

■ 48.7750, -22.5671,
-41.8987

■ 89.0210, 4.9196,
8.7516

■ 48.4760, -22.4197,
-42.5135

■ 92.3250, 7.2348,
12.8700

■ 95.9280, 9.4025,
17.6031

■ 99.1180, 11.2808,
21.8215

Harmonies

Analogous

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



71.7600, -16.1507, 0.2105



68.8980, -8.8237, -16.5735



63.4530, 2.7347, -37.2313

Triad

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



68.8980, -8.8237, -16.5735



69.0190, 21.1896, -29.8347



75.3630, -7.0810, 31.2536

Complementary

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



68.8980, -8.8237, -16.5735



63.1020, 8.8237, 16.5735

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.



76.6320, 1.6604, 27.5097



68.8980, -8.8237, -16.5735



74.7340, 16.8931, -5.0287

Square

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



68.8980, -8.8237, -16.5735



59.9900, 21.6969, -52.6112



76.8460, 10.4289, 15.0441



74.3810, -14.4848, 25.9759

Rectangle

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



68.8980, -8.8237, -16.5735



58.6560, 11.5086, -51.4413



76.8460, 10.4289, 15.0441



75.4600, -4.1708, 31.1686

Sweetspot

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



68.8980, -8.8237, -16.5735



101.7450, -3.3253, -6.7924



78.0530, -13.8301, 2.5845



50.6960, -2.3151, -4.1184



181.0000, 0.0000, 0.0000



54.0000, 0.0000, 0.0000

Same Dimension

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



68.8980, -8.8237, -16.5735



86.4640, -14.0328, -25.8399



70.7220, -1.8349, -18.1732



39.3480, -1.1576, -2.0592



61.9770, -29.0757, -54.3538



136.9820, -64.0811, -120.1332

Inverse Universe

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



63.1020, 8.8237, 16.5735



77.5360, 14.0328, 25.8399



61.2780, 1.8349, 18.1732



38.6520, 1.1576, 2.0592



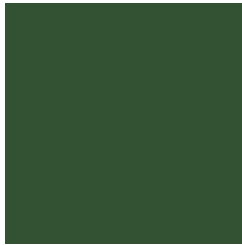
42.9090, 28.6389, 54.4538



95.0180, 64.0811, 120.1332

Previews

White Background



This preview shows how the YUV color 68.8980, -8.8237, -16.5735 looks on a white background.

Color Contrast Check

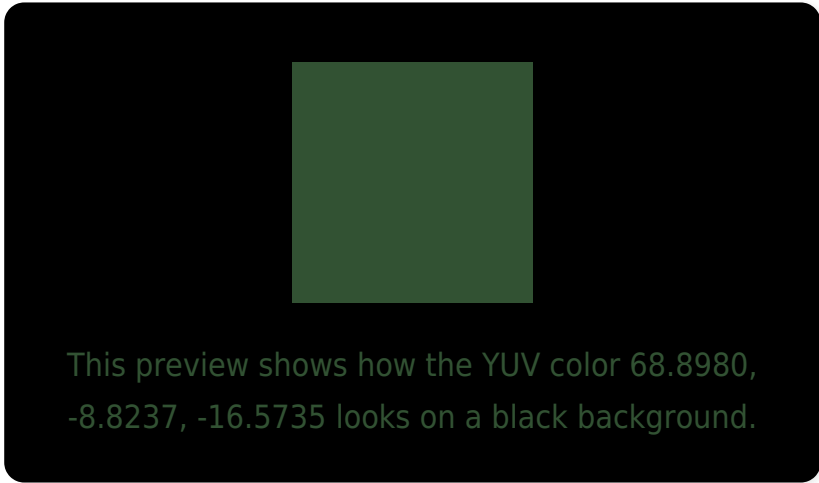
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

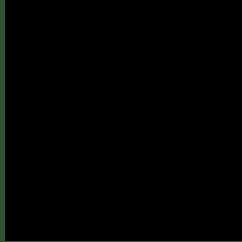
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 68.8980, -8.8237, -16.5735

Background



This preview shows how black text looks on a background with the YUV color 68.8980, -8.8237, -16.5735.



This preview shows how white text looks on a background with the YUV color 68.8980, -8.8237,

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

68.8980, -8.8237, -16.5735

Protanopia

73.1290, -12.3886, 6.9029

Deuteranopia

74.0310, -10.3683, 12.2508



Tritanopia

72.4050, 5.7163, -13.5102

Trichromacy



Original Color

68.8980, -8.8237, -16.5735

Protanomaly

71.7150, -11.1985, -1.5041

Deuteranomaly

72.0790, -9.8989, 1.6847

Tritanomaly

70.7270, 0.6276, -14.6696

Monochromacy



Original Color

68.8980, -8.8237, -16.5735

Achromatopsia

69.0000, 0.0000, 0.0000

Achromatomaly

69.0440, -3.4727, -6.1776

CSS Examples

Text

The CSS property to change the color of the text to YUV 68.8980, -8.8237, -16.5735 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(50, 82, 51)` looks like.

```
.text, #text, p{  
    color:rgb(50, 82, 51)  
}
```

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(50, 82, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(50, 82, 51) }
```

Border

The CSS property to change the border of an element to YUV 68.8980, -8.8237, -16.5735 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(50, 82, 51) }
```


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

```
.border{ border-color:rgb(50, 82, 51) }
```

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

Here you see how a box with a 4 pixel `rgb(50, 82, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(50, 82, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(50, 82, 51);  
box-shadow:4px 4px 4px 4px rgb(50, 82, 51)  
}
```

Background

The CSS property to change the background color of an element to YUV 68.8980, -8.8237, -16.5735 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(50, 82, 51) }
```

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

```
.background{ background-color: rgb(50, 82,  
51) }
```

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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