

Converting Colors

YUV(82.9560, -6.8803, -33.2874)

Have a look what the booklet for
YUV(82.9560, -6.8803, -33.2874)
contains.

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Color

**YUV(82.9560, -6.8803,
-33.2874)**

Conversions

Conversions Part 1

Format	Color
Hex	2D6945
RGB	45, 105, 69
RGB Percent	18%, 41%, 27%
CMY	0.8235, 0.5882, 0.7294
CMYK	0.57, 0.00, 0.34, 0.59
HSL	144°, 40%, 29%
HSV	144°, 57%, 41%
XYZ	7.2079, 11.0907, 7.3910
YIQ	82.9560, -24.2040, -23.9160

Conversions

Conversions Part 2

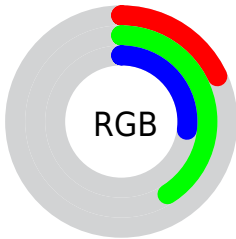
Format	Color
R_{YB}	45, 88, 105
Decimal	2976069
CIE _{Lab}	39.73, -28.59, 14.51
CIE _{LCh}	40, 32.059, 153.098
Yxy	11.0907, 0.2806, 0.4317
Android (android.graphics.Color)	4281166149 (0xFF2D6945)
YUV	82.9560, -6.8803, -33.2874
Hunter-Lab	33.3027, -19.6457, 10.1534

Details

The YUV color **82.9560, -6.8803, -33.2874** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **67.0440, 6.8803, 33.2874**, and the grayscale version is **83.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **134.2010, -8.4801, -33.5023**, and **36.3090, -5.5753, -31.8430** is the 20% darker color. If you saturate the color by 10%, you get **79.2820, -8.0270, -38.8353**, and if you desaturate by 10%, it is **86.9290, -5.8810, -27.1247**.

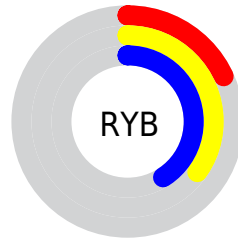
Distribution



 Red (18%)

 Green (41%)

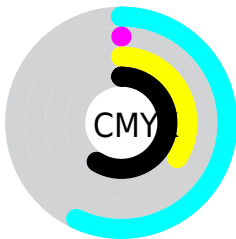
 Blue (27%)




 Red (18%)

 Yellow (35%)

 Blue (41%)

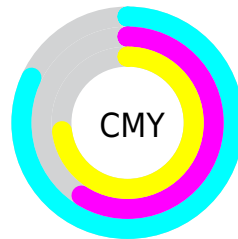


 Cyan (57%)


 Magenta (0%)

 Yellow (34%)

 Black (59%)



 Cyan (82%)

 Magenta (59%)

 Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YUV color 82.9560, -6.8803, -33.2874 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 82.9560, -6.8803, -33.2874 by changing the saturation by 10% instead.

■ 82.9560, -6.8803,
-33.2874

■ 82.9560, -6.8803,
-33.2874

255.0000, 0.0000,
0.0000

■ 57.2870, -5.5645,
-35.3317

■ 134.2010, -8.4801,
-33.5023

■ 36.3090, -5.5753,
-31.8430

■ 160.7880, -8.7695,
-34.0171

■ 21.1320, -10.4181,
-18.5328

■ 188.3750, -9.0589,
-34.5319

■ 0.0000, 0.0000,
0.0000

■ 215.9620, -9.3483,
-35.0467

■ 236.3310, -5.5862,
-28.3543

■ 248.3080, 2.8062,

-13.4251

■ 82.9560, -6.8803,
-33.2874

■ 82.9560, -6.8803,
-33.2874

■ 79.2820, -8.0270,
-38.8353

■ 86.9290, -5.8810,
-27.1247

■ 75.1950, -9.4631,
-44.8980

■ 90.7170, -4.2975,
-21.6768

■ 71.2220, -10.4624,
-51.0607

■ 94.6900, -3.2982,
-15.5141

■ 67.5480, -11.6092,
-56.6086

■ 98.3640, -2.1515,
-9.9662

■ 66.4230, -12.0405,
-58.2530

■ 102.4510, -0.7153,
-3.9035

■ 106.1250, 0.4314,
1.6444

■ 109.7990, 1.5781,
7.1923

■ 113.7720, 2.5774,
13.3550

■ 117.8590, 4.0135,
19.4177

Harmonies

Analogous

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



88.0920, -19.7654, -7.0967



82.9560, -6.8803, -33.2874



73.7530, 10.9678, -64.6814

Triad

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



82.9560, -6.8803, -33.2874



88.2560, 28.4678, -30.9195



93.7080, -13.6600, 41.4751

Complementary

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



82.9560, -6.8803, -33.2874



67.0440, 6.8803, 33.2874

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.



95.2100, -1.5825, 41.0348



82.9560, -6.8803, -33.2874



95.7010, 20.3604, 2.8932

Square

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



82.9560, -6.8803, -33.2874



76.4210, 31.3444, -67.0212



96.3360, 10.6804, 27.7693



92.9380, -22.6474, 30.7494

Rectangle

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



82.9560, -6.8803, -33.2874



75.6910, 18.3933, -66.3810



96.3360, 10.6804, 27.7693



94.1580, -9.4449, 42.8344

Sweetspot

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



82.9560, -6.8803, -33.2874



129.2280, -2.5774, -13.3550



90.9840, -22.6701, -8.7560



63.9020, -1.4307, -7.8071



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000

Same Dimension

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



82.9560, -6.8803, -33.2874



103.0970, -10.8938, -52.7051



86.3760, 6.2236, -36.2868



51.7500, -0.8628, -3.2887



74.0370, -13.3292, -64.9304



154.9870, -28.0946, -135.9236

Inverse Universe

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



67.0440, 6.8803, 33.2874



77.9030, 10.8938, 52.7051



63.6240, -6.2236, 36.2868



50.1360, 0.4260, 3.3887



42.9630, 13.3292, 64.9304



90.0130, 28.0946, 135.9236

Previews

White Background



This preview shows how the YUV color 82.9560, -6.8803, -33.2874 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 82.9560, -6.8803, -33.2874 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

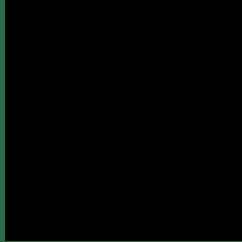
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 82.9560, -6.8803, -33.2874

Background



This preview shows how black text looks on a background with the YUV color 82.9560, -6.8803, -33.2874.



This preview shows how white text looks on a background with the YUV color 82.9560, -6.8803,

-33.2874.

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

82.9560, -6.8803, -33.2874

Protanopia

92.0860, -13.8464, 7.8176

Deuteranopia

93.0420, -10.3737, 13.9952



Tritanopia

87.7560, 9.9803, -27.8500

Trichromacy



Original Color

82.9560, -6.8803, -33.2874

Protanomaly

88.6820, -11.1822, -6.7371

Deuteranomaly

89.5730, -9.1565, -3.1335

Tritanomaly

86.1380, 3.8760, -29.9390

Monochromacy



Original Color

82.9560, -6.8803, -33.2874

Achromatopsia

83.0000, 0.0000, 0.0000

Achromatomaly

82.9400, -2.4354, -12.2254

CSS Examples

Text

The CSS property to change the color of the text to YUV 82.9560, -6.8803, -33.2874 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(45, 105, 69)` looks like.

```
.text, #text, p{  
    color:rgb(45, 105, 69)  
}
```

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(45, 105, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(45, 105, 69) }
```

Border

The CSS property to change the border of an element to YUV 82.9560, -6.8803, -33.2874 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(45, 105, 69) }
```


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

```
.border{ border-color:rgb(45, 105, 69) }
```

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

Here you see how a box with a 4 pixel rgb(45, 105, 69) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(45, 105, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(45, 105, 69);  
box-shadow:4px 4px 4px 4px rgb(45, 105,  
69) }
```

Background

The CSS property to change the background color of an element to YUV 82.9560, -6.8803, -33.2874 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(45, 105, 69) }
```

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

```
.background{ background-color: rgb(45, 105,  
69) }
```

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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