

Converting Colors

YUV(67.0780, 8.3425, -15.8544)

Have a look what the booklet for
YUV(67.0780, 8.3425, -15.8544)
contains.

YUV(67.0780, 8.3425, -15.8544)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(67.0780, 8.3425,
-15.8544)**

Conversions

Conversions Part 1

Format	Color
Hex	314954
RGB	49, 73, 84
RGB Percent	19%, 29%, 33%
CMY	0.8078, 0.7137, 0.6706
CMYK	0.42, 0.13, 0.00, 0.67
HSL	199°, 26%, 26%
HSV	199°, 42%, 33%
XYZ	5.2494, 6.0581, 9.2802
YIQ	67.0780, -17.8350, -1.6670

Conversions

Conversions Part 2

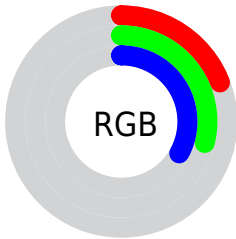
Format	Color
R_{YB}	49, 63, 84
Decimal	3230036
CIE Lab	29.56, -5.96, -9.47
CIE LCh	30, 11.188, 237.798
Yxy	6.0581, 0.2550, 0.2943
Android (android.graphics.Color)	4281420116 (0xFF314954)
YUV	67.0780, 8.3425, -15.8544
Hunter-Lab	24.6133, -5.0037, -5.1253

Details

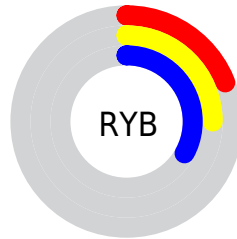
The YUV color **67.0780, 8.3425, -15.8544** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **65.9220, -8.3425, 15.8544**, and the grayscale version is **67.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **115.8930, 8.9268, -16.5692**, and **22.3660, 8.2006, -16.9840** is the 20% darker color. If you saturate the color by 10%, you get **62.9250, 10.3900, -19.2282**, and if you desaturate by 10%, it is **71.2310, 6.2951, -12.4806**.

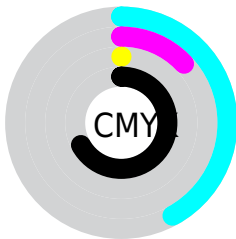
Distribution



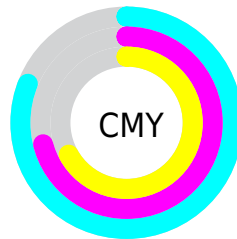
- Red (19%)
- Green (29%)
- Blue (33%)



- Red (19%)
- Yellow (25%)
- Blue (33%)



- Cyan (42%)
- Magenta (13%)
- Yellow (0%)
- Black (67%)



- Cyan (81%)
- Magenta (71%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YUV color 67.0780, 8.3425, -15.8544 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 67.0780, 8.3425, -15.8544 by changing the saturation by 10% instead.

■ 67.0780, 8.3425,
-15.8544

■ 67.0780, 8.3425,
-15.8544

■ 255.0000, 0.0000,
0.0000

■ 44.0780, 8.3425,
-15.8544

■ 115.8930, 8.9268,
-16.5692

■ 22.3660, 8.2006,
-16.9840

■ 141.0070, 9.3635,
-16.6691

■ 2.7530, 8.0098,
-2.4144

■ 167.7080, 9.5110,
-17.2839

■ 0.0000, 0.0000,
0.0000

■ 194.7080, 9.5110,
-17.2839

■ 222.8220, 9.9478,
-17.3839

■ 247.8240, 3.5378,

-14.7546

■ 67.0780, 8.3425,
-15.8544

■ 67.0780, 8.3425,
-15.8544

■ 62.9250, 10.3900,
-19.2282

■ 71.2310, 6.2951,
-12.4806

■ 59.0600, 12.2954,
-23.7316

■ 75.0960, 4.3897,
-7.9772

■ 54.9070, 14.3428,
-27.1054

■ 79.2490, 2.3422,
-4.6034

■ 50.4550, 16.5377,
-31.0940

■ 83.7010, 0.1474,
-0.6148

■ 46.8890, 18.2957,
-34.9827

■ 87.2670, -1.6106,
3.2738

■ 43.6220, 19.9064,
-38.2565

■ 91.4200, -3.6581,
6.6477

■ 95.2850, -5.5635,
11.1511

■ 99.4380, -7.6109,
14.5249

■ 103.8900, -9.8058,
18.5135

Harmonies

Analogous

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



65.6710, 5.5852, -18.1285



67.0780, 8.3425, -15.8544



69.2360, 8.7577, -8.9770

Triad

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



67.0780, 8.3425, -15.8544



71.3760, -0.1854, 12.8252



68.7520, -7.2727, -0.6595

Complementary

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



67.0780, 8.3425, -15.8544



65.9220, -8.3425, 15.8544

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.



69.4540, -8.6048, 6.6178



67.0780, 8.3425, -15.8544



70.6490, -4.2640, 14.3398

Square

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



67.0780, 8.3425, -15.8544



71.0810, 3.9041, 7.8220



70.1280, -7.4581, 12.1657



67.6200, -3.7567, -8.4367

Rectangle

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



67.0780, 8.3425, -15.8544



70.0410, 7.8678, -3.5440



70.1280, -7.4581, 12.1657



68.9480, -7.8624, 1.7996

Sweetspot

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



67.0780, 8.3425, -15.8544



102.5800, 3.6581, -6.6477



70.7990, -5.3239, -19.1177



51.5480, 2.1948, -3.9886



184.0000, 0.0000, 0.0000



56.0000, 0.0000, 0.0000

Same Dimension

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



67.0780, 8.3425, -15.8544



82.9890, 13.3164, -24.5464



57.0990, 13.2622, -7.1028



39.2170, 0.8790, -1.9443



54.2340, 25.0276, -47.5632



119.7810, 55.3240, -105.0479

Inverse Universe

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



62.2010, 5.3239, 19.1177



75.6630, 8.0541, 30.1135



75.9010, -13.2622, 7.1028



38.5380, 0.7208, 2.1592



39.6030, 15.9717, 57.3532



87.4940, 35.2525, 126.7318

Previews

White Background



This preview shows how the YUV color 67.0780, 8.3425, -15.8544 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 67.0780, 8.3425, -15.8544 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

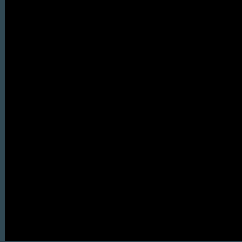
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

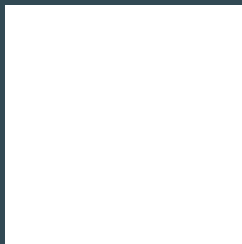
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 67.0780, 8.3425, -15.8544

Background



This preview shows how black text looks on a background with the YUV color 67.0780, 8.3425, -15.8544.



This preview shows how white text looks on a background with the YUV color 67.0780, 8.3425, -15.8544.

-15.8544.

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

67.0780, 8.3425, -15.8544

Protanopia

69.7700, 5.5364, -2.4293

Deuteranopia

69.9380, 7.4256, -1.6996



Tritanopia

66.9100, 6.4534, -16.5841

Trichromacy



Original Color

67.0780, 8.3425, -15.8544

Protanomaly

68.3780, 6.7156, -7.3475

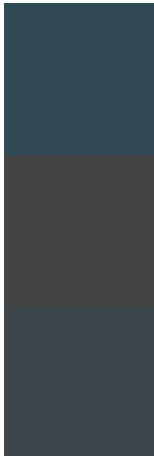
Deuteranomaly

69.0190, 7.8786, -7.0327

Tritanomaly

67.0240, 6.8902, -16.6840

Monochromacy



Original Color

67.0780, 8.3425, -15.8544

Achromatopsia

67.0000, 0.0000, 0.0000

Achromatomaly

66.7650, 3.0739, -5.9329

CSS Examples

Text

The CSS property to change the color of the text to YUV 67.0780, 8.3425, -15.8544 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(49, 73, 84)` looks like.

```
.text, #text, p{  
    color:rgb(49, 73, 84)  
}
```

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(49, 73, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 73, 84) }
```

Border

The CSS property to change the border of an element to YUV 67.0780, 8.3425, -15.8544 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(49, 73, 84) }
```


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

```
.border{ border-color:rgb(49, 73, 84) }
```

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

Here you see how a box with a 4 pixel rgb(49, 73, 84) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 73, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 73, 84);  
box-shadow:4px 4px 4px 4px rgb(49, 73, 84)  
}
```

Background

The CSS property to change the background color of an element to YUV 67.0780, 8.3425, -15.8544 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 73, 84) }
```

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

```
.background{ background-color: rgb(49, 73,  
84) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor