

Converting Colors

YUV(119.5080, -7.6454,
-67.9745)

Have a look what the booklet for
YUV(119.5080, -7.6454, -67.9745)
contains.

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Color

**YUV(119.5080, -7.6454,
-67.9745)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 2AA268 |
| RGB | 42, 162, 104 |
| RGB Percent | 16%, 64%, 41% |
| CMY | 0.8353, 0.3647, 0.5922 |
| CMYK | 0.74, 0.00, 0.36, 0.36 |
| HSL | 151°, 59%, 40% |
| HSV | 151°, 74%, 64% |
| XYZ | 16.3739, 27.3324, 17.5094 |
| YIQ | 119.5080, -52.9020, -43.4780 |

Conversions

Conversions Part 2

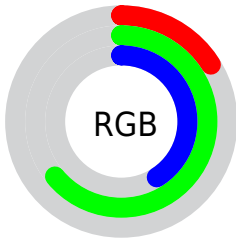
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 42, 121, 162 |
| Decimal | 2794088 |
| CIE _{Lab} | 59.28, -46.27, 21.03 |
| CIE _{LCh} | 59, 50.831, 155.555 |
| Y _{xy} | 27.3324, 0.2675, 0.4465 |
| Android (android.graphics.Color) | 4280984168 (0xFF2AA268) |
| YUV | 119.5080, -7.6454, -67.9745 |
| Hunter-Lab | 52.2804, -35.5856, 16.7393 |

Details

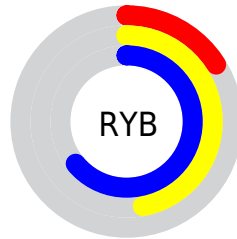
The YUV color **119.5080, -7.6454, -67.9745** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **84.4920, 7.6454, 67.9745**, and the grayscale version is **120.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **177.1450, -10.4245, -63.2712**, and **70.3670, -7.0829, -61.7119** is the 20% darker color. If you saturate the color by 10%, you get **113.8120, -8.7813, -77.0111**, and if you desaturate by 10%, it is **125.2040, -6.5096, -58.9379**.

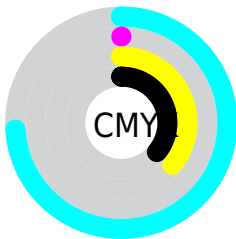
Distribution



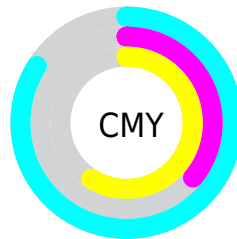
- Red (16%)
- Green (64%)
- Blue (41%)



- Red (16%)
- Yellow (47%)
- Blue (64%)



- Cyan (74%)
- Magenta (0%)
- Yellow (36%)
- Black (36%)



- Cyan (84%)
- Magenta (36%)
- Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the YUV color 119.5080, -7.6454, -67.9745 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 119.5080, -7.6454, -67.9745 by changing the saturation by 10% instead.


 119.5080, -7.6454,
-67.9745


 119.5080, -7.6454,
-67.9745


255.0000, 0.0000,
0.0000

 88.3650, -4.1239,
-77.4961


 177.1450,
-10.4245, -63.2712

 70.3670, -7.0829,
-61.7119


 205.9170,
-11.2981, -63.0712

 53.1840, -9.4577,
-46.6424

 222.3620, -6.0945,
-52.0605

 36.0010, -11.8325,
-31.5729

 234.3390, 2.2979,
-37.1313

 22.3060, -10.9969,
-19.5624

 244.8340, 5.0118,
-20.9024

 0.0000, 0.0000,
0.0000

 253.8040, 0.5896,

-2.4591

■ 119.5080, -7.6454,
-67.9745

■ 119.5080, -7.6454,
-67.9745

■ 113.8120, -8.7813,
-77.0111

■ 125.2040, -6.5096,
-58.9379

■ 108.1160, -9.9172,
-86.0477

■ 130.9000, -5.3737,
-49.9013

■ 104.6700,
-10.1903, -91.7956

■ 136.7810, -4.8220,
-40.1499

■ 142.4770, -3.6862,
-31.1133

■ 148.1730, -2.5503,
-22.0767

■ 153.8690, -1.4144,
-13.0401

■ 159.5650, -0.2785,
-4.0035

■ 165.5600, 0.7099,
5.6479

■ 171.1420, 1.4090,
14.7845

Harmonies

Analogous

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



132.2960, -32.6839, -16.9226



119.5080, -7.6454, -67.9745



113.9550, 17.7702, -99.9385

Triad

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



119.5080, -7.6454, -67.9745



132.7920, 48.9095, -54.1916



141.5390, -23.9297, 68.8103

Complementary

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



119.5080, -7.6454, -67.9745



84.4920, 7.6454, 67.9745

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.



142.9410, -3.4219, 71.0887



119.5080, -7.6454, -67.9745



146.4040, 34.3108, 8.4157

Square

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



119.5080, -7.6454, -67.9745



117.5810, 51.9716, -103.1185



146.2000, 17.1564, 50.6906



140.2920, -39.5840, 49.7329

Rectangle

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



119.5080, -7.6454, -67.9745



116.7880, 31.1635, -102.4231



146.2000, 17.1564, 50.6906



141.3960, -16.9572, 72.4437

Sweetspot

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



119.5080, -7.6454, -67.9745



195.3250, -3.1182, -26.5950



129.7820, -43.2765, -26.1188



97.1460, -1.5510, -15.9140



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



119.5080, -7.6454, -67.9745



145.1150, -11.8887, -107.0949



124.9460, 18.2676, -72.7436



78.8530, -0.4205, -5.1331



93.6650, -9.2018, -82.1442



11.5920, -1.2779, -10.1662

Inverse Universe

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



84.4920, 7.6454, 67.9745



89.8850, 11.8887, 107.0949



79.0540, -18.2676, 72.7436



76.1470, 0.4205, 5.1331



51.3350, 9.2018, 82.1442



6.4080, 1.2779, 10.1662

Previews

White Background



This preview shows how the YUV color 119.5080, -7.6454, -67.9745 looks on a white 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

Black Background



This preview shows how the YUV color 119.5080, -7.6454, -67.9745 looks on a black 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

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

YUV 119.5080, -7.6454, -67.9745

Background



This preview shows how black text looks on a background with the YUV color 119.5080, -7.6454, -67.9745.



This preview shows how white text looks on a background with the YUV color 119.5080, -7.6454, -67.9745.

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

119.5080, -7.6454, -67.9745

Protanopia

139.9310, -22.1510, 11.4615

Deuteranopia

142.0060, -15.7790, 21.0427



Tritanopia

130.0670, 18.2080, -53.5558

Trichromacy



Original Color

119.5080, -7.6454, -67.9745



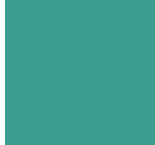
Protanomaly

132.4220, -16.9700, -17.0331



Deuteranomaly

133.6060, -12.6238, -11.0555



Tritanomaly

126.2160, 8.7675, -58.9484

Monochromacy



Original Color

119.5080, -7.6454, -67.9745



Achromatopsia

120.0000, 0.0000, 0.0000



Achromatomaly

119.7490, -2.8343, -24.3359

CSS Examples

Text

The CSS property to change the color of the text to YUV 119.5080, -7.6454, -67.9745 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(42, 162, 104)` looks like.

```
.text, #text, p{  
    color:rgb(42, 162, 104)  
}
```

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(42, 162, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(42, 162, 104) }
```

Border

The CSS property to change the border of an element to YUV 119.5080, -7.6454, -67.9745 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(42, 162, 104) }
```


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

```
.border{ border-color:rgb(42, 162, 104) }
```

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

Here you see how a box with a 4 pixel rgb(42, 162, 104) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(42, 162, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(42, 162, 104);  
box-shadow:4px 4px 4px 4px rgb(42, 162,  
104) }
```

Background

The CSS property to change the background color of an element to YUV 119.5080, -7.6454, -67.9745 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(42, 162, 104) }
```

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

```
.background{ background-color: rgb(42, 162,  
104) }
```

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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