

Converting Colors

YUV(125.2240, 16.6516,
-67.7254)

Have a look what the booklet for
YUV(125.2240, 16.6516, -67.7254)
contains.

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Color

**YUV(125.2240, 16.6516,
-67.7254)**

Conversions

Conversions Part 1

Format	Color
Hex	309E9F
RGB	48, 158, 159
RGB Percent	19%, 62%, 62%
CMY	0.8118, 0.3804, 0.3765
CMYK	0.70, 0.01, 0.00, 0.38
HSL	181°, 54%, 41%
HSV	181°, 70%, 62%
XYZ	19.7038, 27.5853, 37.0869
YIQ	125.2240, -65.8810, -23.0090

Conversions

Conversions Part 2

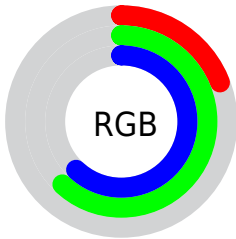
Format	Color
R_{YB}	48, 103, 159
Decimal	3186335
CIE _{Lab}	59.51, -29.56, -9.48
CIE _{LCh}	60, 31.047, 197.781
Yxy	27.5853, 0.2335, 0.3269
Android (android.graphics.Color)	4281376415 (0xFF309E9F)
YUV	125.2240, 16.6516, -67.7254
Hunter-Lab	52.5217, -24.9478, -5.1009

Details

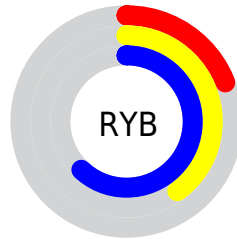
The YUV color **125.2240, 16.6516, -67.7254** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **81.7760, -16.6516, 67.7254**, and the grayscale version is **125.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **182.6160, 15.4723, -62.8072**, and **74.5340, 16.4987, -65.3663** is the 20% darker color. If you saturate the color by 10%, you get **120.4400, 19.0101, -77.5619**, and if you desaturate by 10%, it is **130.0080, 14.2931, -57.8890**.

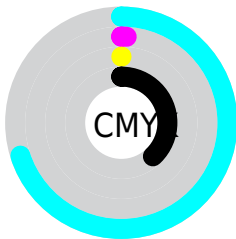
Distribution



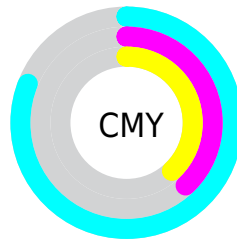
- Red (19%)
- Green (62%)
- Blue (62%)



- Red (19%)
- Yellow (40%)
- Blue (62%)



- Cyan (70%)
- Magenta (1%)
- Yellow (0%)
- Black (38%)



- Cyan (81%)
- Magenta (38%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YUV color 125.2240, 16.6516, -67.7254 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 125.2240, 16.6516, -67.7254 by changing the saturation by 10% instead.

■ 125.2240, 16.6516,
-67.7254

■ 125.2240, 16.6516,
-67.7254

■ 255.0000, 0.0000,
0.0000

■ 92.6460, 19.8945,
-81.2505

■ 182.6160, 15.4723,
-62.8072

■ 74.5340, 16.4987,
-65.3663

■ 211.5020, 15.0355,
-62.7073

■ 57.0090, 12.8136,
-49.9969

■ 229.2860, 12.6770,
-52.8708

■ 40.8860, 9.4232,
-35.8570

■ 237.9570, 8.4022,
-35.0423

■ 26.1650, 6.3277,
-22.9467

■ 246.9270, 3.9800,
-16.5990

■ 2.7530, 8.0098,
-2.4144

■ 0.0000, 0.0000,

0.0000

■ 125.2240, 16.6516,
-67.7254

■ 125.2240, 16.6516,
-67.7254

■ 120.4400, 19.0101,
-77.5619

■ 130.0080, 14.2931,
-57.8890

■ 115.6560, 21.3686,
-87.3983

■ 134.7920, 11.9345,
-48.0526

■ 110.8720, 23.7271,
-97.2347

■ 139.5760, 9.5760,
-38.2162

■ 144.9470, 6.9281,
-28.8945

■ 149.7310, 4.5696,
-19.0581

■ 154.2160, 2.3585,
-9.8364

■ 159.0000, 0.0000,
0.0000

■ 163.7840, -2.3585,
9.8364

■ 168.5680, -4.7170,
19.6729

Harmonies

Analogous

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



131.0130, -0.0064, -44.7384



125.2240, 16.6516, -67.7254



125.9000, 28.1503, -69.1953

Triad

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



125.2240, 16.6516, -67.7254



147.3500, 16.0965, 17.2331



142.6940, -25.9781, 25.7014

Complementary

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



125.2240, 16.6516, -67.7254



81.7760, -16.6516, 67.7254

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.



144.3890, -19.9118, 40.0008



125.2240, 16.6516, -67.7254



147.3820, 4.2487, 37.3760

Square

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



125.2240, 16.6516, -67.7254



143.5790, 25.3506, -11.0318



145.6960, -8.7241, 44.9936



140.0180, -24.1659, 4.3692

Rectangle

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



125.2240, 16.6516, -67.7254



132.7540, 29.7013, -53.2813



145.6960, -8.7241, 44.9936



143.3680, -24.8314, 31.2493

Sweetspot

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



125.2240, 16.6516, -67.7254



193.2570, 6.7753, -26.5354



113.1570, -32.1224, -57.1427



96.3400, 4.2694, -16.0842



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



125.2240, 16.6516, -67.7254



153.8000, 26.2276, -105.9416



93.5260, 32.2787, -39.9263



76.6080, 1.1793, -4.9182



99.6560, 21.3686, -87.3983



10.5150, 2.2111, -9.2217

Inverse Universe

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



93.7290, 31.6856, 57.2427



104.6340, 49.4804, 89.7750



114.0610, -32.5681, 39.4115



74.3040, 2.3151, 4.1184



58.9450, 40.9461, 73.7162



6.1950, 4.3409, 7.7220

Previews

White Background



This preview shows how the YUV color 125.2240, 16.6516, -67.7254 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 125.2240, 16.6516, -67.7254 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

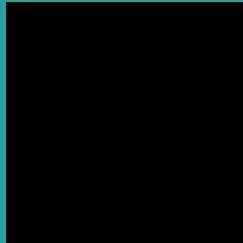
Any Text WCAG AA ✓ Pass

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 125.2240, 16.6516, -67.7254 Background



This preview shows how black text looks on a background with the YUV color 125.2240, 16.6516, -67.7254.



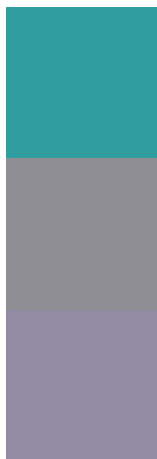
This preview shows how white text looks on a background with the YUV color 125.2240, 16.6516, -67.7254.

-67.7254.

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

125.2240, 16.6516, -67.7254

Protanopia

143.0970, 2.9102, -0.0851

Deuteranopia

143.8290, 9.4513, 1.9040



Tritanopia

126.9840, 20.7139, -64.0070

Trichromacy



Original Color

125.2240, 16.6516, -67.7254

Protanomaly

136.6100, 8.0803, -25.0910

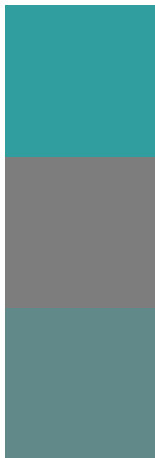
Deuteranomaly

137.0600, 12.2954, -23.7316

Tritanomaly

126.5170, 18.9721, -65.3514

Monochromacy



Original Color

125.2240, 16.6516, -67.7254

Achromatopsia

125.0000, 0.0000, 0.0000

Achromatomaly

125.0400, 5.8963, -24.5911

CSS Examples

Text

The CSS property to change the color of the text to YUV 125.2240, 16.6516, -67.7254 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(48, 158, 159)` looks like.

```
.text, #text, p{  
    color:rgb(48, 158, 159)  
}
```

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(48, 158, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(48, 158, 159) }
```

Border

The CSS property to change the border of an element to YUV 125.2240, 16.6516, -67.7254 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(48, 158, 159) }
```


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

```
.border{ border-color:rgb(48, 158, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(48, 158, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(48, 158, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(48, 158, 159);  
box-shadow:4px 4px 4px 4px rgb(48, 158,  
159) }
```

Background

The CSS property to change the background color of an element to YUV 125.2240, 16.6516, -67.7254 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(48, 158, 159) }
```

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

```
.background{ background-color: rgb(48, 158,  
159) }
```

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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