

Converting Colors

YUV(67.4290, -16.9735,
77.6768)

Have a look what the booklet for
YUV(67.4290, -16.9735, 77.6768)
contains.

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Color

**YUV(67.4290, -16.9735,
77.6768)**

Conversions

Conversions Part 1

Format	Color
Hex	9C1D21
RGB	156, 29, 33
RGB Percent	61%, 11%, 13%
CMY	0.3882, 0.8863, 0.8706
CMYK	0.00, 0.81, 0.79, 0.39
HSL	358°, 69%, 36%
HSV	358°, 81%, 61%
XYZ	14.4242, 8.0565, 2.2337
YIQ	67.4290, 74.4080, 28.1680

Conversions

Conversions Part 2

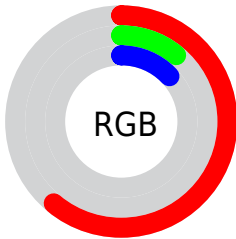
Format	Color
RYB	156, 29, 33
Decimal	10231073
CIELab	34.10, 50.75, 31.63
CIELCh	34, 59.799, 31.933
Yxy	8.0565, 0.5836, 0.3260
Android (android.graphics.Color)	4288421153 (0xFF9C1D21)
YUV	67.4290, -16.9735, 77.6768
Hunter-Lab	28.3839, 41.0386, 15.2029

Details

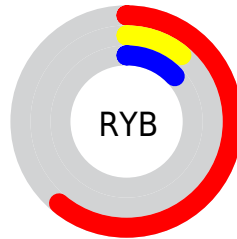
The YUV color **67.4290, -16.9735, 77.6768** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **117.5710, 16.9735, -77.6768**, and the grayscale version is **68.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **124.8440, -23.0941, 80.8208**, and **28.7040, -14.1511, 59.0186** is the 20% darker color. If you saturate the color by 10%, you get **56.3270, -18.8952, 87.4132**, and if you desaturate by 10%, it is **78.5310, -15.0518, 67.9403**.

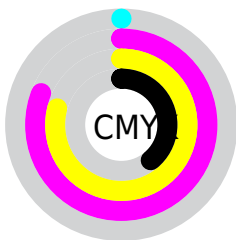
Distribution



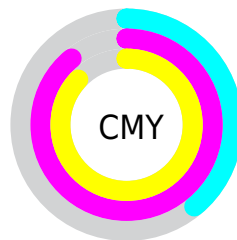
- Red (61%)
- Green (11%)
- Blue (13%)



- Red (61%)
- Yellow (11%)
- Blue (13%)



- Cyan (0%)
- Magenta (81%)
- Yellow (79%)
- Black (39%)



- Cyan (39%)
- Magenta (89%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the YUV color 67.4290, -16.9735, 77.6768 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 67.4290, -16.9735, 77.6768 by changing the saturation by 10% instead.

■ 67.4290, -16.9735,
77.6768

■ 67.4290, -16.9735,
77.6768

255.0000, 0.0000,
0.0000

■ 39.0420, -13.3317,
76.2622

■ 124.8440,
-23.0941, 80.8208

■ 28.7040, -14.1511,
59.0186

■ 152.6980,
-24.9941, 83.5799

■ 20.1470, -9.4395,
41.0901

■ 173.4900,
-22.9196, 71.4843

■ 11.7750, -5.3121,
23.8763

■ 192.8900,
-19.6658, 54.4705

■ 0.0000, 0.0000,
0.0000

■ 212.4040,
-15.9752, 37.3567

■ 232.6190,

-12.1372, 19.6281

■ 252.8340, -8.2992,
1.8996

■ 67.4290, -16.9735,
77.6768

■ 67.4290, -16.9735,
77.6768

■ 56.3270, -18.8952,
87.4132

■ 78.5310, -15.0518,
67.9403

■ 47.2140, -20.8115,
95.4053

■ 89.0460, -12.8407,
58.7187

■ 100.1480,
-10.9190, 48.9822

■ 110.6630, -8.7079,
39.7605

■ 121.8790, -6.3493,
29.9241

■ 132.9810, -4.4276,
20.1877

■ 143.4960, -2.2165,
10.9660

■ 154.5980, -0.2948,
1.2296

■ 165.1130, 1.9163,
-7.9921

Harmonies

Analogous

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



56.8460, 10.9219, 90.4661



67.4290, -16.9735, 77.6768



74.1010, -36.5318, 50.7774

Triad

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



67.4290, -16.9735, 77.6768



60.4730, -14.5302, -53.0348



70.6600, 52.4256, -61.9688

Complementary

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



67.4290, -16.9735, 77.6768



117.5710, 16.9735, -77.6768

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.



75.1620, 44.2901, -65.9171



67.4290, -16.9735, 77.6768



68.0480, 6.8783, -59.6781

Square

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



67.4290, -16.9735, 77.6768



67.1710, -33.1153, -18.5670



73.5200, 27.8446, -64.4770



80.2330, 40.3111, -2.8353

Rectangle

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



67.4290, -16.9735, 77.6768



76.0290, -37.4823, 28.9156



73.5200, 27.8446, -64.4770



72.7800, 50.3945, -63.8281

Sweetspot

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



67.4290, -16.9735, 77.6768



169.8790, -6.3493, 29.9241



80.2550, 37.3423, 62.9204



81.0840, -3.9854, 18.3433



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000

Same Dimension

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



67.4290, -16.9735, 77.6768



64.4840, -26.8606, 122.3555



101.6060, -35.7948, 47.7035



73.3920, -1.1793, 4.9182



43.2130, -19.3320, 87.5132



4.4850, -2.2111, 9.2217

Inverse Universe

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



67.4290, -16.9735, 77.6768



64.4840, -26.8606, 122.3555



83.3940, 35.7948, -47.7035



73.3920, -1.1793, 4.9182



43.2130, -19.3320, 87.5132



4.4850, -2.2111, 9.2217

Previews

White Background



This preview shows how the YUV color 67.4290, -16.9735, 77.6768 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 67.4290, -16.9735, 77.6768

Background



This preview shows how black text looks on a background with the YUV color 67.4290, -16.9735, 77.6768.



This preview shows how white text looks on a background with the YUV color 67.4290, -16.9735,

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

67.4290, -16.9735, 77.6768

Protanopia

80.5160, -16.0304, 8.3175

Deuteranopia

79.2050, -27.7091, 20.8682



Tritanopia

67.5600, -19.0101, 77.5619

Trichromacy



Original Color

67.4290, -16.9735, 77.6768

Protanomaly

75.9690, -16.2537, 33.3532

Deuteranomaly

74.7760, -23.5536, 41.4154

Tritanomaly

67.6740, -18.5733, 77.4619

Monochromacy



Original Color

67.4290, -16.9735, 77.6768

Achromatopsia

67.0000, 0.0000, 0.0000

Achromatomaly

66.9820, -5.9071, 28.0798

CSS Examples

Text

The CSS property to change the color of the text to YUV 67.4290, -16.9735, 77.6768 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(156, 29, 33)` looks like.

```
.text, #text, p{  
    color:rgb(156, 29, 33)  
}
```

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(156, 29, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 29, 33) }
```

Border

The CSS property to change the border of an element to YUV 67.4290, -16.9735, 77.6768 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(156, 29, 33) }
```


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

```
.border{ border-color:rgb(156, 29, 33) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 29, 33)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 29, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 29, 33);  
box-shadow:4px 4px 4px 4px rgb(156, 29,  
33) }
```

Background

The CSS property to change the background color of an element to YUV 67.4290, -16.9735, 77.6768 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 29, 33) }
```

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

```
.background{ background-color: rgb(156, 29,  
33) }
```

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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