

Converting Colors

YUV(63.9900, -10.8411,
117.5268)

Have a look what the booklet for
YUV(63.9900, -10.8411, 117.5268)
contains.

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Color

**YUV(63.9900, -10.8411,
117.5268)**

Conversions

Conversions Part 1

Format	Color
Hex	C6002A
RGB	198, 0, 42
RGB Percent	78%, 0%, 16%
CMY	0.2235, 1.0000, 0.8353
CMYK	0.00, 1.00, 0.79, 0.22
HSL	347°, 100%, 39%
HSV	347°, 100%, 78%
XYZ	23.7066, 12.1729, 3.2906
YIQ	63.9900, 104.5260, 55.0380

Conversions

Conversions Part 2

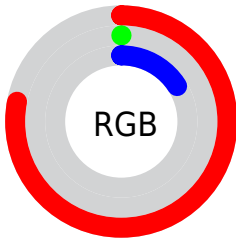
Format	Color
RYB	198, 0, 42
Decimal	12976170
CIELab	41.49, 66.94, 36.82
CIELCh	41, 76.396, 28.816
Yxy	12.1729, 0.6052, 0.3108
Android (android.graphics.Color)	4291166250 (0xFFC6002A)
YUV	63.9900, -10.8411, 117.5268
Hunter-Lab	34.8897, 60.2288, 18.8309

Details

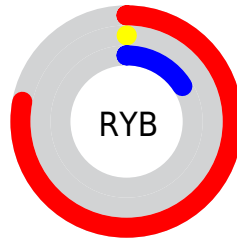
The YUV color **63.9900, -10.8411, 117.5268** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **134.0100, 10.8411, -117.5268**, and the grayscale version is **64.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **135.5850, -23.4594, 104.7270**, and **40.3650, -19.8999, 82.9949** is the 20% darker color. If you saturate the color by 10%, you get **63.9900, -10.8411, 117.5268**, and if you desaturate by 10%, it is **77.5540, -9.6401, 105.6311**.

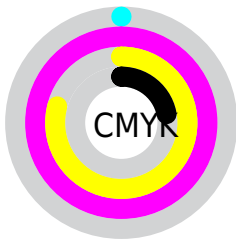
Distribution



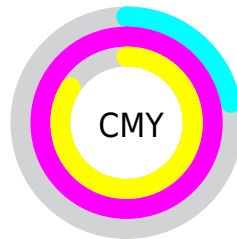
- Red (78%)
- Green (0%)
- Blue (16%)



- Red (78%)
- Yellow (0%)
- Blue (16%)



- Cyan (0%)
- Magenta (100%)
- Yellow (79%)
- Black (22%)



- Cyan (22%)
- Magenta (100%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YUV color 63.9900, -10.8411, 117.5268 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 63.9900, -10.8411, 117.5268 by changing the saturation by 10% instead.

■ 63.9900, -10.8411,
117.5268

■ 63.9900, -10.8411,
117.5268

255.0000, 0.0000,
0.0000

■ 52.0280, -15.2968,
99.9534

■ 135.5850,
-23.4594, 104.7270

■ 40.3650, -19.8999,
82.9949

■ 155.9310,
-21.6580, 86.8835

■ 30.7970, -15.1829,
63.3220

■ 175.9180,
-18.6936, 69.3549

■ 22.4680, -9.5977,
45.1936

■ 195.9050,
-15.7292, 51.8263

■ 12.9710, -5.9017,
26.3354

■ 216.0060,
-12.3280, 34.1977

■ 0.0000, 0.0000,
0.0000

■ 236.8080, -8.7793,

15.9544

254.2020, -3.0576,
0.6998

63.9900, -10.8411,
117.5268

77.5540, -9.6401,
105.6311

91.0040, -8.8760,
93.8355

103.9810, -7.3856,
82.4547

117.4310, -6.6215,
70.6590

130.9950, -5.4205,
58.7634

■ 144.5590, -4.2196,
46.8678

■ 158.0090, -3.4554,
35.0721

■ 170.9860, -1.9651,
23.6913

■ 184.4360, -1.2009,
11.8956

Harmonies

Analogous

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



71.8410, 15.3614, 113.2724



63.9900, -10.8411, 117.5268



89.2730, -44.0116, 69.9206

Triad

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



63.9900, -10.8411, 117.5268



72.3610, -24.8280, -63.4606



89.1600, 67.4621, -78.1933

Complementary

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



63.9900, -10.8411, 117.5268



134.0100, 10.8411, -117.5268

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.



93.9240, 55.2535, -82.3713



63.9900, -10.8411, 117.5268



82.9170, 5.4639, -72.7182

Square

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



63.9900, -10.8411, 117.5268



82.4990, -40.6720, -21.4856



90.0990, 32.9822, -79.0168



94.4990, 56.9420, -17.1006

Rectangle

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



63.9900, -10.8411, 117.5268



92.6300, -45.6666, 40.6665



90.0990, 32.9822, -79.0168



91.7530, 64.7048, -80.4674

Sweetspot

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



63.9900, -10.8411, 117.5268



203.5480, -4.2142, 45.1234



68.9170, 63.6379, 75.4948



96.7800, -2.8495, 27.3799



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



63.9900, -10.8411, 117.5268



82.4010, -14.0017, 151.3693



92.0740, -45.3925, 92.8971



92.9190, -0.4531, 5.3330



52.7270, -8.7394, 96.7094



11.6760, -1.8123, 21.3321

Inverse Universe

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



63.9900, -10.8411, 117.5268



82.4010, -14.0017, 151.3693



105.9260, 45.3925, -92.8971



92.9190, -0.4531, 5.3330



52.7270, -8.7394, 96.7094



11.6760, -1.8123, 21.3321

Previews

White Background



This preview shows how the YUV color 63.9900, -10.8411, 117.5268 looks on a white background.

Color Contrast Check

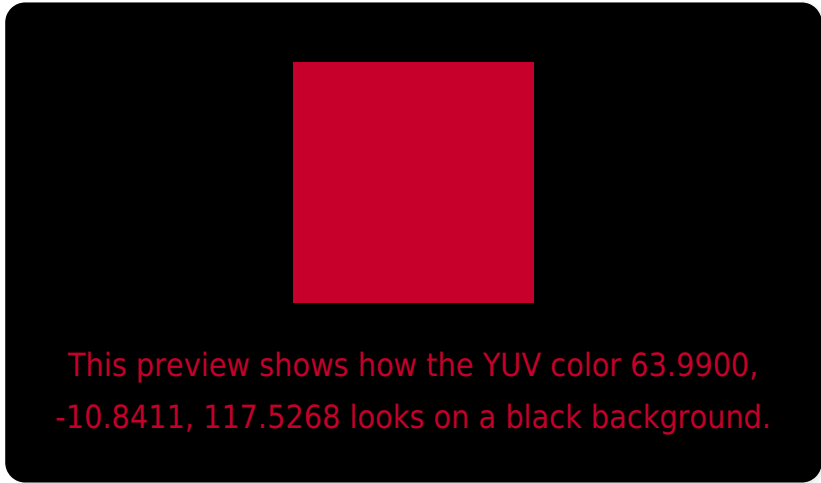
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



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 63.9900, -10.8411, 117.5268

Background



This preview shows how black text looks on a background with the YUV color 63.9900, -10.8411, 117.5268.



This preview shows how white text looks on a background with the YUV color 63.9900, -10.8411,

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

63.9900, -10.8411, 117.5268

Protanopia

98.5870, -17.0514, 9.1322

Deuteranopia

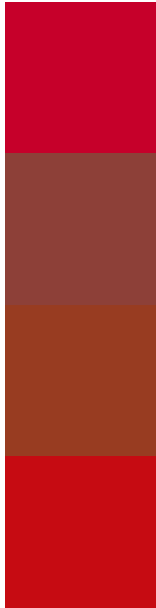
96.6310, -33.8351, 25.7566



Tritanopia

70.3380, -32.2116, 111.9596

Trichromacy



Original Color

63.9900, -10.8411, 117.5268

Protanomaly

86.1110, -14.8447, 48.1377

Deuteranomaly

84.4300, -25.3550, 59.2589

Tritanomaly

67.7110, -24.5075, 114.2635

Monochromacy



Original Color

63.9900, -10.8411, 117.5268

Achromatopsia

64.0000, 0.0000, 0.0000

Achromatomaly

64.2380, -4.0613, 42.7643

CSS Examples

Text

The CSS property to change the color of the text to YUV 63.9900, -10.8411, 117.5268 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(198, 0, 42)` looks like.

```
.text, #text, p{  
    color:rgb(198, 0, 42)  
}
```

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(198, 0, 42) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 0, 42) }
```

Border

The CSS property to change the border of an element to YUV 63.9900, -10.8411, 117.5268 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(198, 0, 42) }
```


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

```
.border{ border-color:rgb(198, 0, 42) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 0, 42)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 0, 42); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 0, 42);  
box-shadow:4px 4px 4px 4px rgb(198, 0, 42)  
}
```

Background

The CSS property to change the background color of an element to YUV 63.9900, -10.8411, 117.5268 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 0, 42) }
```

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

```
.background{ background-color: rgb(198, 0,  
42) }
```

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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