

# Converting Colors

YUV(70.0220, -9.3778,  
114.8677)

Have a look what the booklet for  
YUV(70.0220, -9.3778, 114.8677)  
contains.

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# Color

**YUV(70.0220, -9.3778,  
114.8677)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C90733
RGB	201, 7, 51
RGB Percent	79%, 3%, 20%
CMY	0.2118, 0.9725, 0.8000
CMYK	0.00, 0.97, 0.75, 0.21
HSL	346°, 93%, 41%
HSV	346°, 97%, 79%
XYZ	24.7609, 12.8085, 4.2992
YIQ	70.0220, 101.5000, 54.8120

# Conversions

## Conversions Part 2

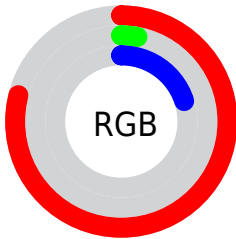
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	201, 7, 51
Decimal	13174579
CIE Lab	42.47, 67.29, 32.71
CIE LCh	42, 74.824, 25.924
Yxy	12.8085, 0.5914, 0.3059
Android (android.graphics.Color)	4291364659 (0xFFC90733)
YUV	70.0220, -9.3778, 114.8677
Hunter-Lab	35.7889, 60.8663, 17.9299

# Details

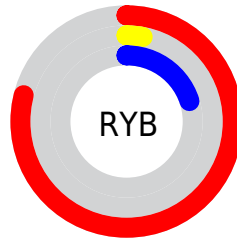
The YUV color **70.0220, -9.3778, 114.8677** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **137.9780, 9.3778, -114.8677**, and the grayscale version is **70.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **138.3720, -20.3964, 102.2828**, and **42.1740, -16.8478, 84.0394** is the 20% darker color. If you saturate the color by 10%, you get **65.3430, -9.5361, 118.9712**, and if you desaturate by 10%, it is **83.5860, -8.1769, 102.9721**.

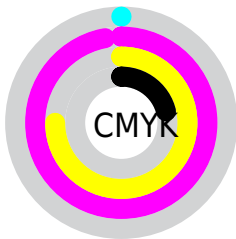
# Distribution



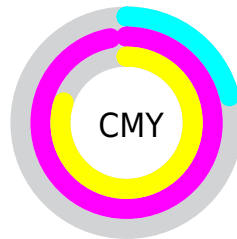
- Red (79%)
- Green (3%)
- Blue (20%)



- Red (79%)
- Yellow (3%)
- Blue (20%)



- Cyan (0%)
- Magenta (97%)
- Yellow (75%)
- Black (21%)



- Cyan (21%)
- Magenta (97%)
- Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 70.0220, -9.3778, 114.8677 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 70.0220, -9.3778, 114.8677 by changing the saturation by 10% instead.



■ 70.0220, -9.3778,  
114.8677

■ 70.0220, -9.3778,  
114.8677

255.0000, 0.0000,  
0.0000

■ 53.9510, -11.8078,  
100.8980

■ 138.3720,  
-20.3964, 102.2828

■ 42.1740, -16.8478,  
84.0394

■ 158.8320,  
-18.1582, 84.3393

■ 31.9930, -15.7725,  
65.7811

■ 178.8190,  
-15.1938, 66.8107

■ 23.3650, -10.0399,  
47.0379

■ 198.9200,  
-11.7926, 49.1822

■ 13.9820, -5.9071,  
28.0798

■ 219.0210, -8.3914,  
31.5536

■ 0.0000, 0.0000,  
0.0000

■ 239.8230, -4.8427,

■ 70.0220, -9.3778,  
114.8677

■ 70.0220, -9.3778,  
114.8677

■ 65.3430, -9.5361,  
118.9712

■ 83.5860, -8.1769,  
102.9721

■ 97.0360, -7.4127,  
91.1764

■ 110.6000, -6.2118,  
79.2808

■ 124.0500, -5.4476,  
67.4852

■ 138.2010, -4.5361,  
55.0747

■ 151.6510, -3.7719,  
43.2791

■ 165.2150, -2.5710,  
31.3834

■ 178.6650, -1.8068,  
19.5878

■ 192.2290, -0.6059,  
7.6922

# Harmonies

## Analogous

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



72.8670, 19.2926, 112.3726



70.0220, -9.3778, 114.8677



90.1810, -44.4592, 73.5093

# Triad

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



70.0220, -9.3778, 114.8677



73.0790, -27.1539, -64.0903



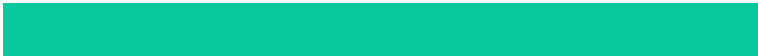
90.9210, 66.5939, -79.7377

# Complementary

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



70.0220, -9.3778, 114.8677



137.9780, 9.3778, -114.8677

# 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.



94.7560, 53.3643, -83.1010



70.0220, -9.3778, 114.8677



83.6350, 3.1379, -73.3479

# Square

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



70.0220, -9.3778, 114.8677



86.6740, -42.7303, -14.6231



91.4040, 30.3668, -80.1613



94.7750, 58.2849, -27.8667



# Rectangle

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



70.0220, -9.3778, 114.8677



94.7230, -46.6984, 44.9699



91.4040, 30.3668, -80.1613



93.4000, 63.3998, -81.9118

# Sweetspot

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



70.0220, -9.3778, 114.8677



205.0640, -3.4826, 43.7939



73.6670, 62.7752, 72.2060



97.5950, -2.2653, 26.6652



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.



70.0220, -9.3778, 114.8677



82.8570, -12.2545, 150.9694



95.5300, -43.6453, 92.4972



92.9190, -0.4531, 5.3330



52.9550, -7.8658, 96.5095



11.6760, -1.8123, 21.3321



# Inverse Universe

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



70.0220, -9.3778, 114.8677



82.8570, -12.2545, 150.9694



112.4700, 43.6453, -92.4972



92.9190, -0.4531, 5.3330



52.9550, -7.8658, 96.5095



11.6760, -1.8123, 21.3321



# Previews

## White Background



This preview shows how the YUV color 70.0220, -9.3778, 114.8677 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



This preview shows how the YUV color 70.0220, -9.3778, 114.8677 looks on a 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 70.0220, -9.3778, 114.8677

## Background



This preview shows how black text looks on a background with the YUV color 70.0220, -9.3778, 114.8677.



This preview shows how white text looks on a background with the YUV color 70.0220, -9.3778,



# 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

70.0220, -9.3778, 114.8677

### Protanopia

101.2430, -11.9518, 6.8029

### Deuteranopia

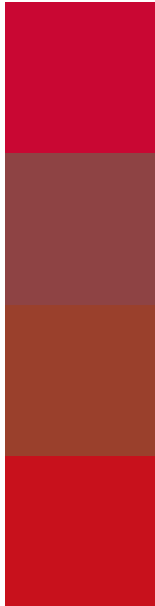
99.4720, -29.3197, 24.1421



## Tritanopia

74.4240, -29.2960, 110.1302

# Trichromacy



## Original Color

70.0220, -9.3778, 114.8677

## Protanomaly

89.5390, -10.6187, 46.0083

## Deuteranomaly

88.6300, -22.0026, 57.3295

## Tritanomaly

72.9710, -22.1707, 111.4044

# Monochromacy



## Original Color

70.0220, -9.3778, 114.8677

## Achromatopsia

70.0000, 0.0000, 0.0000

## Achromatomaly

70.0530, -3.4771, 42.0495

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 70.0220, -9.3778, 114.8677 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(201, 7, 51)` looks like.

```
.text, #text, p{  
    color:rgb(201, 7, 51)  
}
```

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(201, 7, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 7, 51) }
```

## Border

The CSS property to change the border of an element to YUV 70.0220, -9.3778, 114.8677 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(201, 7, 51) }
```



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

```
.border{ border-color:rgb(201, 7, 51) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 7, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 7, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 7, 51);  
box-shadow:4px 4px 4px 4px rgb(201, 7, 51)  
}
```

# Background

The CSS property to change the background color of an element to YUV 70.0220, -9.3778, 114.8677 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 7, 51) }
```

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

```
.background{ background-color: rgb(201, 7,  
51) }
```

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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