

# Converting Colors

YUV(68.0530, 13.7779,  
107.8245)

Have a look what the booklet for  
YUV(68.0530, 13.7779, 107.8245)  
contains.

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# Color

**YUV(68.0530, 13.7779,  
107.8245)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BF0060
RGB	191, 0, 96
RGB Percent	75%, 0%, 38%
CMY	0.2510, 1.0000, 0.6235
CMYK	0.00, 1.00, 0.50, 0.25
HSL	330°, 100%, 37%
HSV	330°, 100%, 75%
XYZ	23.5972, 11.9209, 12.1236
YIQ	68.0530, 83.0200, 70.3480

# Conversions

## Conversions Part 2

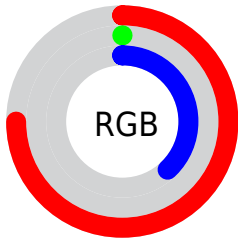
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	191, 0, 96
Decimal	12517472
CIE <sub>Lab</sub>	41.09, 68.17, 2.21
CIE <sub>LCh</sub>	41, 68.209, 1.860
Yxy	11.9209, 0.4953, 0.2502
Android (android.graphics.Color)	4290707552 (0xFFBF0060)
YUV	68.0530, 13.7779, 107.8245
Hunter-Lab	34.5266, 61.5739, 3.3497

# Details

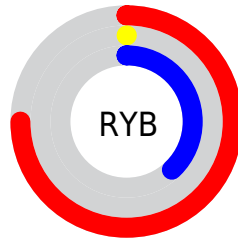
The YUV color **68.0530, 13.7779, 107.8245** is a dark color, and the websafe version is hex **CC0066**. A complement of this color would be **122.9470, -13.7779, -107.8245**, and the grayscale version is **68.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **142.1860, 1.8803, 97.1839**, and **44.8690, 2.5296, 75.5369** is the 20% darker color. If you saturate the color by 10%, you get **68.0530, 13.7779, 107.8245**, and if you desaturate by 10%, it is **80.3460, 12.6474, 97.0436**.

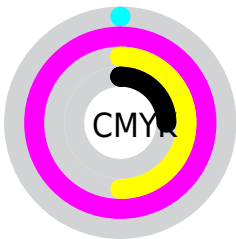
# Distribution



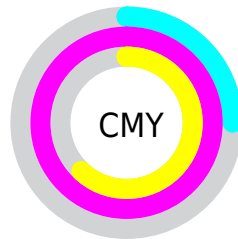
- Red (75%)
- Green (0%)
- Blue (38%)



- Red (75%)
- Yellow (0%)
- Blue (38%)



- Cyan (0%)
- Magenta (100%)
- Yellow (50%)
- Black (25%)




- Cyan (25%)
- Magenta (100%)
- Yellow (62%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 68.0530, 13.7779, 107.8245 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 68.0530, 13.7779, 107.8245 by changing the saturation by 10% instead.





 68.0530, 13.7779,  
107.8245

 68.0530, 13.7779,  
107.8245


255.0000, 0.0000,  
0.0000


 56.3470, 7.7169,  
91.7807


 142.1860, 1.8803,  
97.1839

 44.8690, 2.5296,  
75.5369


 162.8850, 4.9867,  
80.7849


 33.6190, -1.7842,  
59.0931

 182.9860, 8.3879,  
63.1563

 22.4680, -9.5977,  
45.1936

 203.2010, 12.2259,  
45.4277

 12.6720, -5.7543,  
25.7207

 223.8890, 15.3377,  
27.2843

 0.0000, 0.0000,  
0.0000

 240.9120, 6.9454,

12.3552

■ 68.0530, 13.7779,  
107.8245

■ 80.3460, 12.6474,  
97.0436

■ 92.5250, 11.0802,  
86.3626

■ 104.8180, 9.9497,  
75.5816

■ 116.9970, 8.3825,  
64.9006

■ 129.8770, 6.9626,  
53.6049

■ 142.0560, 5.3954,  
42.9239

■ 154.3490, 4.2649,  
32.1429

■ 166.5280, 2.6977,  
21.4619

■ 178.8210, 1.5672,  
10.6810

# Harmonies

## Analogous

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



91.4910, 29.3379, 63.5904



68.0530, 13.7779, 107.8245



81.4200, -19.9271, 91.7167

# Triad

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



68.0530, 13.7779, 107.8245



81.6130, -40.2352, -21.5856



90.4360, 52.0431, -79.3124

# Complementary

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



68.0530, 13.7779, 107.8245



122.9470, -13.7779, -107.8245

# 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.



88.1100, 32.9768, -77.2725



68.0530, 13.7779, 107.8245



73.1250, -16.8236, -64.1306

# Square

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



68.0530, 13.7779, 107.8245



91.0360, -44.8807, 21.8934



81.7260, 8.5161, -71.6737



84.4010, 61.9203, -74.0197



# Rectangle

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



68.0530, 13.7779, 107.8245



87.2240, -43.0014, 72.5946



81.7260, 8.5161, -71.6737



90.3560, 46.6595, -79.2422

# Sweetspot

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



68.0530, 13.7779, 107.8245



199.3440, 5.2534, 41.7943



49.2820, 69.8670, 37.4637



96.0770, 3.4130, 25.3655



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000



# Same Dimension

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



68.0530, 13.7779, 107.8245



87.9890, 17.7534, 139.4526



57.4510, -26.8443, 117.1225



88.2610, 0.8573, 5.0331



56.2480, 11.2167, 89.2365



10.9790, 1.9824, 17.5584



# Inverse Universe

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



68.0530, 13.7779, 107.8245



87.9890, 17.7534, 139.4526



133.5490, 26.8443, -117.1225



88.2610, 0.8573, 5.0331



56.2480, 11.2167, 89.2365



10.9790, 1.9824, 17.5584



# Previews

## White Background



This preview shows how the YUV color 68.0530, 13.7779, 107.8245 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 68.0530, 13.7779, 107.8245 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

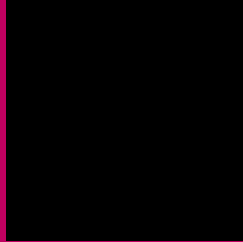
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 68.0530, 13.7779, 107.8245

## Background



This preview shows how black text looks on a background with the YUV color 68.0530, 13.7779, 107.8245.



This preview shows how white text looks on a background with the YUV color 68.0530, 13.7779,



# 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

68.0530, 13.7779, 107.8245

### Protanopia

99.3850, 19.5302, -10.8616

### Deuteranopia

100.1710, -6.0003, 11.2510



## Tritanopia

82.8500, -22.1110, 92.2166

# Trichromacy



## Original Color

68.0530, 13.7779, 107.8245

## Protanomaly

87.7910, 17.3580, 32.6323

## Deuteranomaly

88.3400, 1.3114, 46.1828

## Tritanomaly

77.3250, -9.0342, 97.9390

# Monochromacy



## Original Color

68.0530, 13.7779, 107.8245

## Achromatopsia

68.0000, 0.0000, 0.0000

## Achromatomaly

67.9200, 4.9694, 39.5352

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 68.0530, 13.7779, 107.8245 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(191, 0, 96)` looks like.

```
.text, #text, p{  
    color:rgb(191, 0, 96)  
}
```

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(191, 0, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 0, 96) }
```

## Border

The CSS property to change the border of an element to YUV 68.0530, 13.7779, 107.8245 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(191, 0, 96) }
```



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

```
.border{ border-color:rgb(191, 0, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 0, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 0, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 0, 96);  
box-shadow:4px 4px 4px 4px rgb(191, 0, 96)  
}
```

# Background

The CSS property to change the background color of an element to YUV 68.0530, 13.7779, 107.8245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 0, 96) }
```

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

```
.background{ background-color: rgb(191, 0,  
96) }
```

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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