

# Converting Colors

YUV(66.3510, -5.1030, 97.0392)

Have a look what the booklet for  
YUV(66.3510, -5.1030, 97.0392)  
contains.

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# Color

**YUV(66.3510, -5.1030,  
97.0392)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B10C38
RGB	177, 12, 56
RGB Percent	69%, 5%, 22%
CMY	0.3059, 0.9529, 0.7804
CMYK	0.00, 0.93, 0.68, 0.31
HSL	344°, 87%, 37%
HSV	344°, 93%, 69%
XYZ	18.9767, 9.8956, 4.6512
YIQ	66.3510, 84.2160, 48.6640

# Conversions

## Conversions Part 2

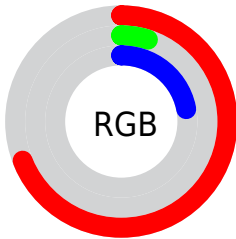
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	177, 12, 56
Decimal	11603000
CIE Lab	37.65, 60.97, 22.59
CIE LCh	38, 65.017, 20.334
Yxy	9.8956, 0.5661, 0.2952
Android (android.graphics.Color)	4289793080 (0xFFB10C38)
YUV	66.3510, -5.1030, 97.0392
Hunter-Lab	31.4572, 52.6309, 13.2535

# Details

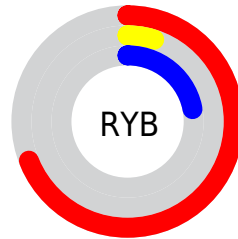
The YUV color **66.3510, -5.1030, 97.0392** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **122.6490, 5.1030, -97.0392**, and the grayscale version is **66.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **131.9240, -14.2595, 93.9057**, and **36.2800, -10.9840, 69.9144** is the 20% darker color. If you saturate the color by 10%, you get **58.2810, -5.5615, 104.1166**, and if you desaturate by 10%, it is **78.3990, -4.6337, 86.4731**.

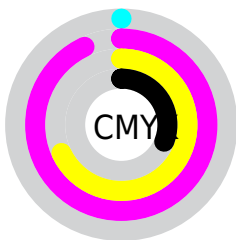
# Distribution



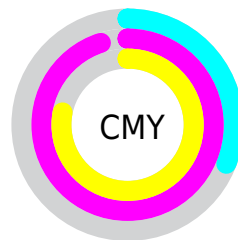
- Red (69%)
- Green (5%)
- Blue (22%)



- Red (69%)
- Yellow (5%)
- Blue (22%)



- Cyan (0%)
- Magenta (93%)
- Yellow (68%)
- Black (31%)



- Cyan (31%)
- Magenta (95%)
- Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 66.3510, -5.1030, 97.0392 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 66.3510, -5.1030, 97.0392 by changing the saturation by 10% instead.



66.3510, -5.1030,  
97.0392

66.3510, -5.1030,  
97.0392

255.0000, 0.0000,  
0.0000

47.6440, -6.2335,  
86.2582

131.9240,  
-14.2595, 93.9057

36.2800, -10.9840,  
69.9144

156.5810,  
-14.0904, 86.3135

25.7140, -12.6770,  
52.8708

175.8670,  
-11.2734, 69.3996

17.5700, -7.6760,  
35.4571

195.9680, -7.8722,  
51.7711

5.3820, -2.6533,  
11.0660

216.1830, -4.0342,  
34.0425

0.0000, 0.0000,  
0.0000

236.3980, -0.1962,

16.3140

■ 66.3510, -5.1030,  
97.0392

■ 66.3510, -5.1030,  
97.0392

■ 58.2810, -5.5615,  
104.1166

■ 78.3990, -4.6337,  
86.4731

■ 89.8600, -3.8750,  
76.4218

■ 101.9080, -3.4056,  
65.8557

■ 113.9560, -2.9363,  
55.2896

■ 126.0040, -2.4670,  
44.7235

■ 137.4650, -1.7082,  
34.6722

■ 149.5130, -1.2389,  
24.1061

■ 161.5610, -0.7696,  
13.5400

■ 173.0220, -0.0108,  
3.4887

# Harmonies

## Analogous

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



67.5500, 19.9419, 90.7257



66.3510, -5.1030, 97.0392



78.9400, -38.9174, 69.3356

# Triad

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



66.3510, -5.1030, 97.0392



62.2050, -28.2021, -54.5538



80.8160, 55.7997, -70.8756

# Complementary

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



66.3510, -5.1030, 97.0392



122.6490, 5.1030, -97.0392

# 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.



83.3630, 42.7120, -73.1094



66.3510, -5.1030, 97.0392



71.8490, -1.4046, -63.0116

# Square

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



66.3510, -5.1030, 97.0392



79.3640, -39.1265, -3.8272



79.2930, 22.0406, -69.5400



75.3500, 56.0295, -51.1729



# Rectangle

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



66.3510, -5.1030, 97.0392



83.5150, -41.1729, 46.0293



79.2930, 22.0406, -69.5400



82.5940, 52.4582, -72.4349

# Sweetspot

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



66.3510, -5.1030, 97.0392



186.3730, -2.1559, 38.2609



66.9890, 54.2354, 57.8916



88.8010, -1.3809, 22.9765



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000



# Same Dimension

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



66.3510, -5.1030, 97.0392



75.7240, -7.2589, 135.3001



84.2280, -35.6084, 81.3610



83.0330, -0.0163, 5.2331



50.4210, -4.6446, 89.9618



8.5720, -0.7750, 15.2844



# Inverse Universe

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



66.3510, -5.1030, 97.0392



75.7240, -7.2589, 135.3001



105.3590, 35.3190, -81.8758



83.0330, -0.0163, 5.2331



50.4210, -4.6446, 89.9618



8.5720, -0.7750, 15.2844



# Previews

## White Background



This preview shows how the YUV color 66.3510, -5.1030, 97.0392 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

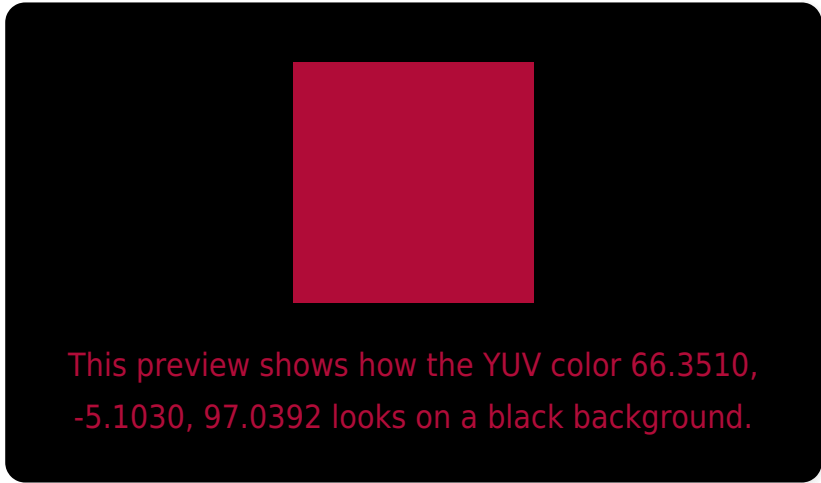
Any Text WCAG AA ✓ Pass

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

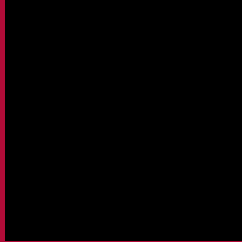
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 66.3510, -5.1030, 97.0392

## Background



This preview shows how black text looks on a background with the YUV color 66.3510, -5.1030, 97.0392.



This preview shows how white text looks on a background with the YUV color 66.3510, -5.1030,



# 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

66.3510, -5.1030, 97.0392

### Protanopia

90.2840, -4.0840, 3.2589

### Deuteranopia

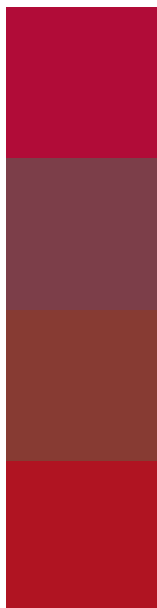
89.1430, -20.2835, 19.1686



## Tritanopia

69.8070, -23.5689, 93.1313

# Trichromacy



## Original Color

66.3510, -5.1030, 97.0392

## Protanomaly

81.7920, -4.3345, 37.0164

## Deuteranomaly

80.8120, -14.6973, 47.5229

## Tritanomaly

68.2400, -16.8803, 94.5055

# Monochromacy



## Original Color

66.3510, -5.1030, 97.0392

## Achromatopsia

66.0000, 0.0000, 0.0000

## Achromatomaly

65.7640, -1.8557, 35.2870

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 66.3510, -5.1030, 97.0392 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(177, 12, 56)` looks like.

```
.text, #text, p{  
    color:rgb(177, 12, 56)  
}
```

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(177, 12, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 12, 56) }
```

## Border

The CSS property to change the border of an element to YUV 66.3510, -5.1030, 97.0392 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(177, 12, 56) }
```



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

```
.border{ border-color:rgb(177, 12, 56) }
```

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

Here you see how a box with a 4 pixel rgb(177, 12, 56) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 12, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 12, 56);  
box-shadow:4px 4px 4px 4px rgb(177, 12,  
56) }
```

# Background

The CSS property to change the background color of an element to YUV 66.3510, -5.1030, 97.0392 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 12, 56) }
```

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

```
.background{ background-color: rgb(177, 12,  
56) }
```

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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