

Converting Colors

YUV(67.7660, 5.5384, 90.5362)

Have a look what the booklet for
YUV(67.7660, 5.5384, 90.5362)
contains.

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Color

**YUV(67.7660, 5.5384,
90.5362)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | AB0D4F |
| RGB | 171, 13, 79 |
| RGB Percent | 67%, 5%, 31% |
| CMY | 0.3294, 0.9490, 0.6902 |
| CMYK | 0.00, 0.92, 0.54, 0.33 |
| HSL | 335°, 86%, 36% |
| HSV | 335°, 92%, 67% |
| XYZ | 18.3498, 9.5103, 8.2657 |
| YIQ | 67.7660, 72.9820, 54.0220 |

Conversions

Conversions Part 2

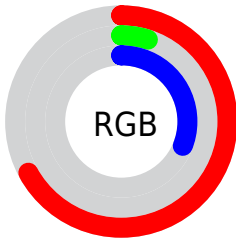
| Format | Color |
|-------------------------------------|-----------------------------|
| R_{YB} | 171, 13, 79 |
| Decimal | 11210063 |
| CIE Lab | 36.95, 60.75, 6.61 |
| CIE LCh | 37, 61.111, 6.206 |
| Yxy | 9.5103, 0.5079, 0.2633 |
| Android (android.graphics.Color) | 4289400143 (0xFFAB0D4F) |
| YUV | 67.7660, 5.5384, 90.5362 |
| Hunter-Lab | 30.8388, 52.2439, 5.6957 |

Details

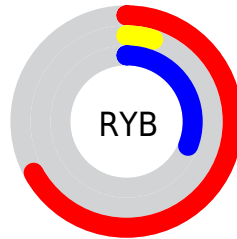
The YUV color **67.7660, 5.5384, 90.5362** is a dark color, and the websafe version is hex **CC3366**. A complement of this color would be **116.2340, -5.5384, -90.5362**, and the grayscale version is **68.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **132.6810, -2.3077, 87.1028**, and **37.4780, -1.2217, 65.3558** is the 20% darker color. If you saturate the color by 10%, you get **59.2230, 5.8061, 98.0284**, and if you desaturate by 10%, it is **78.8850, 4.9867, 80.7849**.

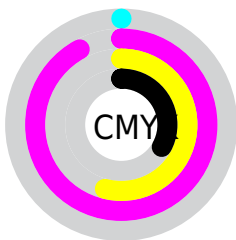
Distribution



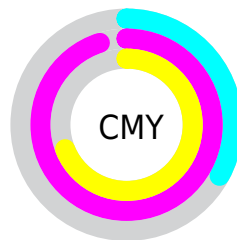
- Red (67%)
- Green (5%)
- Blue (31%)



- Red (67%)
- Yellow (5%)
- Blue (31%)



- Cyan (0%)
- Magenta (92%)
- Yellow (54%)
- Black (33%)





- Cyan (33%)
- Magenta (95%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 67.7660, 5.5384, 90.5362 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 67.7660, 5.5384, 90.5362 by changing the saturation by 10% instead.


 67.7660, 5.5384,
90.5362

 67.7660, 5.5384,
90.5362


255.0000, 0.0000,
0.0000

 48.5430, 3.6763,
81.0848


 132.6810, -2.3077,
87.1028

 37.4780, -1.2217,
65.3558


 159.5450, -2.7337,
83.7140


 26.2990, -6.5564,
49.7268

 178.9450, 0.5201,
66.7002

 16.9720, -7.3812,
34.2276

 198.5730, 4.6475,
49.4865

 3.5880, -1.7689,
7.3773

 218.7880, 8.4855,
31.7579

 0.0000, 0.0000,
0.0000

 237.9770, 8.3923,

■ 67.7660, 5.5384,
90.5362

■ 67.7660, 5.5384,
90.5362

■ 59.2230, 5.8061,
98.0284

■ 78.8850, 4.9867,
80.7849

■ 90.0040, 4.4350,
71.0335

■ 101.1230, 3.8834,
61.2821

■ 112.2420, 3.3317,
51.5308

■ 123.3610, 2.7800,
41.7794

■ 135.0670, 1.9390,
31.5132

■ 146.1860, 1.3873,
21.7619

■ 157.3050, 0.8356,
12.0105

■ 168.4240, 0.2840,
2.2592

Harmonies

Analogous

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



81.7590, 22.7968, 61.6014



67.7660, 5.5384, 90.5362



76.6370, -22.4990, 76.6174

Triad

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



67.7660, 5.5384, 90.5362



71.2580, -35.1302, -25.6593



80.7530, 47.9428, -70.8204

Complementary

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



67.7660, 5.5384, 90.5362



116.2340, -5.5384, -90.5362

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.



79.2250, 31.9341, -69.4803



67.7660, 5.5384, 90.5362



66.6510, -11.1669, -58.4529

Square

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



67.7660, 5.5384, 90.5362



80.9580, -39.9123, 14.9458



74.3400, 10.6784, -65.1962



74.0340, 55.1992, -64.9278

Rectangle

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



67.7660, 5.5384, 90.5362



79.7600, -39.3217, 58.9695



74.3400, 10.6784, -65.1962



80.9010, 43.4328, -70.9502

Sweetspot

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



67.7660, 5.5384, 90.5362



181.5020, 2.2175, 35.5167



57.9220, 55.7475, 39.5334



87.1860, 1.3873, 21.7619



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



67.7660, 5.5384, 90.5362



76.9800, 7.8979, 127.1825



66.6990, -26.4736, 91.4720



81.1470, 0.4205, 5.1331



52.0320, 5.4072, 85.9179



8.0170, 0.9776, 13.1401

Inverse Universe

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



67.7660, 5.5384, 90.5362



76.9800, 7.8979, 127.1825



117.3010, 26.4736, -91.4720



81.1470, 0.4205, 5.1331



52.0320, 5.4072, 85.9179



8.0170, 0.9776, 13.1401

Previews

White Background



This preview shows how the YUV color 67.7660, 5.5384, 90.5362 looks on a white background.

Color Contrast Check

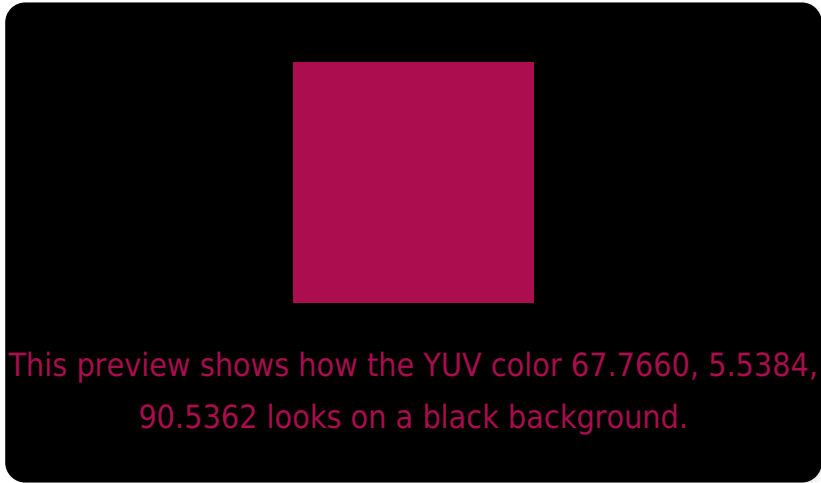
Large Text (above 18pt) WCAG AA ✓ Pass

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

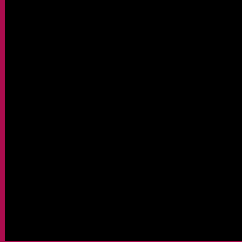
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 67.7660, 5.5384, 90.5362

Background



This preview shows how black text looks on a background with the YUV color 67.7660, 5.5384, 90.5362.



This preview shows how white text looks on a background with the YUV color 67.7660, 5.5384,

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

67.7660, 5.5384, 90.5362

Protanopia

89.1700, 12.2412, -6.2881

Deuteranopia

88.9000, -8.3317, 12.3657



Tritanopia

73.6640, -20.0474, 83.6097

Trichromacy



Original Color

67.7660, 5.5384, 90.5362

Protanomaly

81.4070, 9.6593, 28.5841

Deuteranomaly

81.4550, -3.1823, 40.8200

Tritanomaly

71.7920, -10.7435, 86.1284

Monochromacy



Original Color

67.7660, 5.5384, 90.5362

Achromatopsia

68.0000, 0.0000, 0.0000

Achromatomaly

67.7790, 2.0810, 32.6428

CSS Examples

Text

The CSS property to change the color of the text to YUV 67.7660, 5.5384, 90.5362 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(171, 13, 79)` looks like.

```
.text, #text, p{  
    color:rgb(171, 13, 79)  
}
```

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(171, 13, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 13, 79) }
```

Border

The CSS property to change the border of an element to YUV 67.7660, 5.5384, 90.5362 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(171, 13, 79) }
```


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

```
.border{ border-color:rgb(171, 13, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 13, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 13, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 13, 79);  
box-shadow:4px 4px 4px 4px rgb(171, 13,  
79) }
```

Background

The CSS property to change the background color of an element to YUV 67.7660, 5.5384, 90.5362 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 13, 79) }
```

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

```
.background{ background-color: rgb(171, 13,  
79) }
```

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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