

Converting Colors

YUV(67.0100, 5.4181, 82.4292)

Have a look what the booklet for
YUV(67.0100, 5.4181, 82.4292)
contains.

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Color

**YUV(67.0100, 5.4181,
82.4292)**

Conversions

Conversions Part 1

Format	Color
Hex	A1114E
RGB	161, 17, 78
RGB Percent	63%, 7%, 31%
CMY	0.3686, 0.9333, 0.6941
CMYK	0.00, 0.89, 0.52, 0.37
HSL	335°, 81%, 35%
HSV	335°, 89%, 63%
XYZ	16.2735, 8.5280, 7.9961
YIQ	67.0100, 66.2430, 49.4990

Conversions

Conversions Part 2

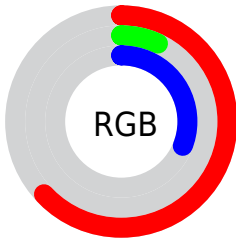
Format	Color
R_{YB}	161, 17, 78
Decimal	10555726
CIE Lab	35.06, 57.56, 4.28
CIE LCh	35, 57.718, 4.252
Yxy	8.5280, 0.4962, 0.2600
Android (android.graphics.Color)	4288745806 (0xFFA1114E)
YUV	67.0100, 5.4181, 82.4292
Hunter-Lab	29.2028, 48.3660, 4.2076

Details

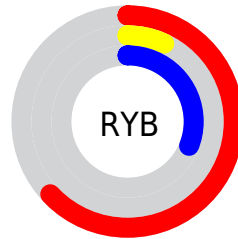
The YUV color **67.0100, 5.4181, 82.4292** is a dark color, and the websafe version is hex **CC3366**. A complement of this color would be **110.9900, -5.4181, -82.4292**, and the grayscale version is **67.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **129.2780, -1.1231, 80.4402**, and **34.6730, -0.3318, 59.9228** is the 20% darker color. If you saturate the color by 10%, you get **56.5920, 6.1171, 91.5658**, and if you desaturate by 10%, it is **77.4280, 4.7190, 73.2926**.

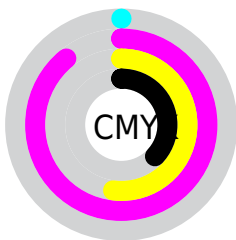
Distribution



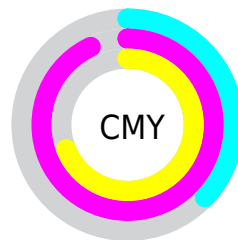
- Red (63%)
- Green (7%)
- Blue (31%)



- Red (63%)
- Yellow (7%)
- Blue (31%)



- Cyan (0%)
- Magenta (89%)
- Yellow (52%)
- Black (37%)



- Cyan (37%)
- Magenta (93%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 67.0100, 5.4181, 82.4292 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 67.0100, 5.4181, 82.4292 by changing the saturation by 10% instead.

67.0100, 5.4181,
82.4292

67.0100, 5.4181,
82.4292

255.0000, 0.0000,
0.0000

45.7380, 4.5662,
75.6518

129.2780, -1.1231,
80.4402

34.6730, -0.3318,
59.9228

157.6480, -2.2915,
81.8697

23.7930, -5.8139,
44.9085

177.6570, 0.6621,
67.8298

14.2810, -6.0545,
28.6946

197.8720, 4.5001,
50.1013

0.0000, 0.0000,
0.0000

217.5000, 8.6275,
32.8875

236.8030, 8.9711,

15.9588

254.4130, 0.2894,
0.5148

■ 67.0100, 5.4181,
82.4292

■ 67.0100, 5.4181,
82.4292

■ 56.5920, 6.1171,
91.5658

■ 77.4280, 4.7190,
73.2926

■ 55.8910, 5.9697,
92.1806

■ 87.9600, 4.4567,
64.0561

■ 98.3780, 3.7576,
54.9195

■ 108.7960, 3.0586,
45.7829

■ 119.2140, 2.3595,
36.6463

■ 130.3330, 1.8078,
26.8950

■ 140.7510, 1.1088,
17.7584

■ 151.1690, 0.4097,
8.6218

■ 161.7010, 0.1474,
-0.6148

Harmonies

Analogous

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



78.4870, 21.9449, 54.8239



67.0100, 5.4181, 82.4292



72.7120, -19.5780, 73.0436

Triad

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



67.0100, 5.4181, 82.4292



68.9320, -33.9835, -20.1114



76.4500, 44.1482, -67.0466

Complementary

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



67.0100, 5.4181, 82.4292



110.9900, -5.4181, -82.4292

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.



75.1500, 29.0131, -65.9065



67.0100, 5.4181, 82.4292



63.1460, -11.9040, -55.3790

Square

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



67.0100, 5.4181, 82.4292



77.1260, -38.0231, 15.6755



69.9060, 8.9203, -61.3076



71.0190, 51.2626, -62.2837

Rectangle

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



67.0100, 5.4181, 82.4292



75.0310, -36.9903, 57.8548



69.9060, 8.9203, -61.3076



76.5980, 39.6382, -67.1764

Sweetspot

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



67.0100, 5.4181, 82.4292



172.4800, 2.2284, 32.0280



57.9340, 50.8115, 36.0149



82.7620, 1.1033, 19.5027



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



67.0100, 5.4181, 82.4292



72.6370, 8.0670, 119.5904



65.9260, -24.1205, 83.3799



76.1470, 0.4205, 5.1331



50.4230, 5.7075, 82.9440



6.2940, 0.8411, 10.2662

Inverse Universe

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



67.0100, 5.4181, 82.4292



72.6370, 8.0670, 119.5904



112.0740, 24.1205, -83.3799



76.1470, 0.4205, 5.1331



50.4230, 5.7075, 82.9440



6.2940, 0.8411, 10.2662

Previews

White Background



This preview shows how the YUV color 67.0100, 5.4181, 82.4292 looks on a white background.

Color Contrast Check

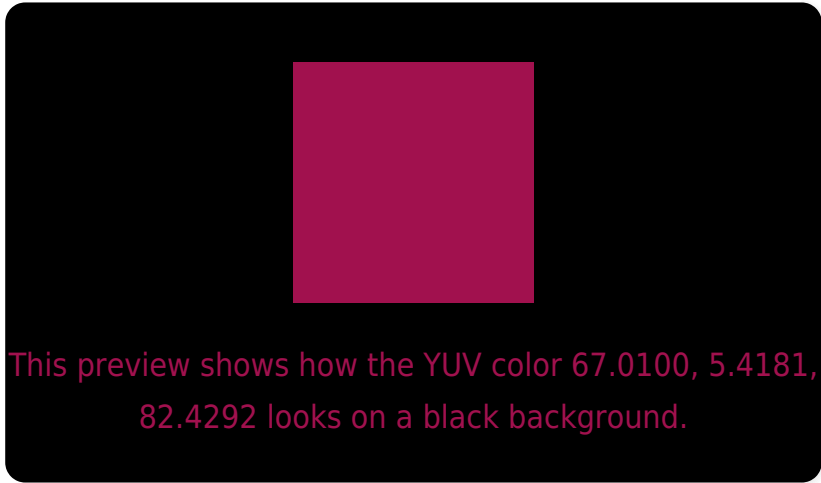
Large Text (above 18pt) WCAG AA ✓ Pass

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

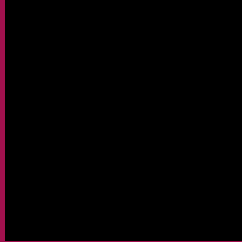
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 67.0100, 5.4181, 82.4292

Background



This preview shows how black text looks on a background with the YUV color 67.0100, 5.4181, 82.4292.



This preview shows how white text looks on a background with the YUV color 67.0100, 5.4181, 82.4292.

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

67.0100, 5.4181, 82.4292

Protanopia

84.3980, 13.1148, -6.4880

Deuteranopia

84.6440, -6.7265, 10.8362



Tritanopia

71.3750, -18.4259, 76.8471

Trichromacy



Original Color

67.0100, 5.4181, 82.4292

Protanomaly

78.2110, 10.2490, 26.1250

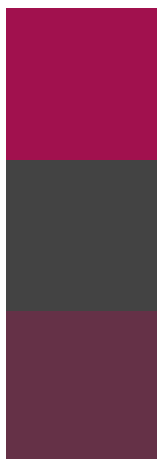
Deuteranomaly

78.3620, -2.1505, 36.5165

Tritanomaly

69.9760, -9.8482, 78.9510

Monochromacy



Original Color

67.0100, 5.4181, 82.4292

Achromatopsia

67.0000, 0.0000, 0.0000

Achromatomaly

67.0560, 1.9444, 29.7689

CSS Examples

Text

The CSS property to change the color of the text to YUV 67.0100, 5.4181, 82.4292 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(161, 17, 78)` looks like.

```
.text, #text, p{  
    color:rgb(161, 17, 78)  
}
```

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(161, 17, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 17, 78) }
```

Border

The CSS property to change the border of an element to YUV 67.0100, 5.4181, 82.4292 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(161, 17, 78) }
```


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

```
.border{ border-color:rgb(161, 17, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 17, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 17, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 17, 78);  
box-shadow:4px 4px 4px 4px rgb(161, 17,  
78) }
```

Background

The CSS property to change the background color of an element to YUV 67.0100, 5.4181, 82.4292 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 17, 78) }
```

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

```
.background{ background-color: rgb(161, 17,  
78) }
```

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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