

Converting Colors

YUV(67.5400, 1.7058, 106.5204)

Have a look what the booklet for
YUV(67.5400, 1.7058, 106.5204)
contains.

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Color

**YUV(67.5400, 1.7058,
106.5204)**

Conversions

Conversions Part 1

Format	Color
Hex	BD0547
RGB	189, 5, 71
RGB Percent	74%, 2%, 28%
CMY	0.2588, 0.9804, 0.7216
CMYK	0.00, 0.97, 0.62, 0.26
HSL	338°, 95%, 38%
HSV	338°, 97%, 74%
XYZ	22.1779, 11.3823, 6.9893
YIQ	67.5400, 88.4780, 59.5340

Conversions

Conversions Part 2

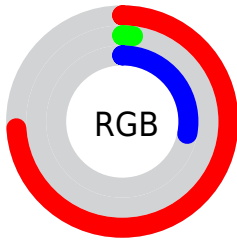
Format	Color
RYB	189, 5, 71
Decimal	12387655
CIELab	40.22, 65.51, 16.85
CIElCh	40, 67.637, 14.422
Yxy	11.3823, 0.5469, 0.2807
Android (android.graphics.Color)	4290577735 (0xFFBD0547)
YUV	67.5400, 1.7058, 106.5204
Hunter-Lab	33.7377, 58.2983, 11.3334

Details

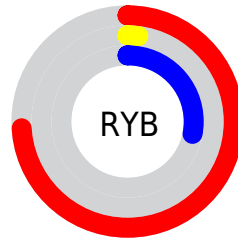
The YUV color **67.5400, 1.7058, 106.5204** is a dark color, and the websafe version is hex **CC3366**. A complement of this color would be **126.4600, -1.7058, -106.5204**, and the grayscale version is **67.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **138.8090, -9.7658, 99.2685**, and **41.5780, -6.2010, 75.7921** is the 20% darker color. If you saturate the color by 10%, you get **64.2630, 1.8423, 109.3943**, and if you desaturate by 10%, it is **80.0610, 1.4489, 95.5395**.

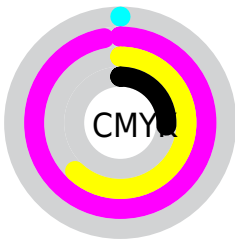
Distribution



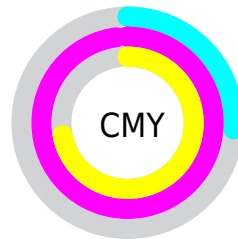
- Red (74%)
- Green (2%)
- Blue (28%)



- Red (74%)
- Yellow (2%)
- Blue (28%)



- Cyan (0%)
- Magenta (97%)
- Yellow (62%)
- Black (26%)



- Cyan (26%)
- Magenta (98%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YUV color 67.5400, 1.7058, 106.5204 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 67.5400, 1.7058, 106.5204 by changing the saturation by 10% instead.

■ 67.5400, 1.7058,
106.5204

■ 67.5400, 1.7058,
106.5204

255.0000, 0.0000,
0.0000

■ 52.8280, -1.8872,
92.2358

■ 138.8090, -9.7658,
99.2685

■ 41.5780, -6.2010,
75.7921

■ 159.6930, -7.2436,
83.5842

■ 29.5300, -13.5723,
60.0482

■ 179.6800, -4.2792,
66.0556

■ 21.2720, -9.0081,
42.7345

■ 199.7810, -0.8780,
48.4271

■ 11.1770, -5.0173,
22.6468

■ 219.9960, 2.9600,
30.6985

■ 0.0000, 0.0000,
0.0000

■ 240.3250, 7.2348,

12.8700

■ 67.5400, 1.7058,
106.5204

■ 67.5400, 1.7058,
106.5204

■ 64.2630, 1.8423,
109.3943

■ 80.0610, 1.4489,
95.5395

■ 92.5820, 1.1921,
84.5586

■ 105.1030, 0.9352,
73.5777

■ 117.6240, 0.6784,
62.5968

■ 130.2590, 0.8583,
51.5159

■ 142.1930, 0.8909,
41.0497

■ 154.7140, 0.6340,
30.0688

■ 167.2350, 0.3771,
19.0879

■ 179.7560, 0.1203,
8.1070

Harmonies

Analogous

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



80.2010, 22.5789, 84.8927



67.5400, 1.7058, 106.5204



83.6730, -33.8558, 79.2168

Triad

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



67.5400, 1.7058, 106.5204



65.1570, -32.1224, -57.1427



87.7120, 56.8370, -76.9234

Complementary

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



67.5400, 1.7058, 106.5204



126.4600, -1.7058, -106.5204

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.



88.2870, 41.2705, -77.4277



67.5400, 1.7058, 106.5204



75.2740, -6.0511, -66.0153

Square

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



67.5400, 1.7058, 106.5204



86.7950, -42.7899, 4.5648



83.0600, 18.7044, -72.8436



77.8470, 62.1934, -68.2718

Rectangle

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



67.5400, 1.7058, 106.5204



88.2990, -43.5314, 55.8658



83.0600, 18.7044, -72.8436



88.5610, 52.4744, -77.6680

Sweetspot

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



67.5400, 1.7058, 106.5204



198.0790, 0.4541, 41.1497



60.9590, 63.1242, 53.5330



94.2680, 0.3609, 24.3210



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



67.5400, 1.7058, 106.5204



83.2870, 2.3235, 141.8223



74.6910, -34.3577, 100.2490



88.0330, -0.0163, 5.2331



53.7400, 1.6072, 91.4360



10.5230, 0.2352, 17.9583

Inverse Universe

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



67.5400, 1.7058, 106.5204



83.2870, 2.3235, 141.8223



119.3090, 34.3577, -100.2490



88.0330, -0.0163, 5.2331



53.7400, 1.6072, 91.4360



10.5230, 0.2352, 17.9583

Previews

White Background



This preview shows how the YUV color 67.5400, 1.7058, 106.5204 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 67.5400, 1.7058, 106.5204 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 67.5400, 1.7058, 106.5204

Background



This preview shows how black text looks on a background with the YUV color 67.5400, 1.7058, 106.5204.



This preview shows how white text looks on a background with the YUV color 67.5400, 1.7058,

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

67.5400, 1.7058, 106.5204

Protanopia

97.2110, 3.3470, -0.1850

Deuteranopia

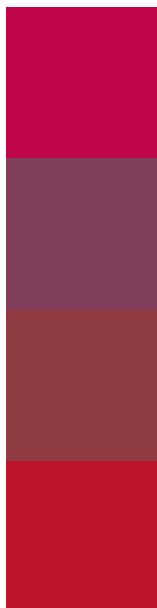
96.7560, -16.6417, 17.7540



Tritanopia

76.3130, -24.3113, 97.9495

Trichromacy



Original Color

67.5400, 1.7058, 106.5204

Protanomaly

86.3390, 2.7909, 38.2907

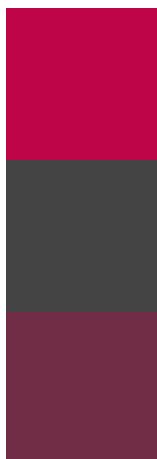
Deuteranomaly

86.0880, -9.9034, 49.9118

Tritanomaly

72.8540, -14.7180, 100.9830

Monochromacy



Original Color

67.5400, 1.7058, 106.5204

Achromatopsia

68.0000, 0.0000, 0.0000

Achromatomaly

67.7690, 0.6069, 38.7906

CSS Examples

Text

The CSS property to change the color of the text to YUV 67.5400, 1.7058, 106.5204 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(189, 5, 71)` looks like.

```
.text, #text, p{  
    color:rgb(189, 5, 71)  
}
```

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(189, 5, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 5, 71) }
```

Border

The CSS property to change the border of an element to YUV 67.5400, 1.7058, 106.5204 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(189, 5, 71) }
```


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

```
.border{ border-color:rgb(189, 5, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 5, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 5, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 5, 71);  
box-shadow:4px 4px 4px 4px rgb(189, 5, 71)  
}
```

Background

The CSS property to change the background color of an element to YUV 67.5400, 1.7058, 106.5204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 5, 71) }
```

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

```
.background{ background-color: rgb(189, 5,  
71) }
```

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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