

Converting Colors

YUV(68.5040, 13.0625,
103.9210)

Have a look what the booklet for
YUV(68.5040, 13.0625, 103.9210)
contains.

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Color

**YUV(68.5040, 13.0625,
103.9210)**

Conversions

Conversions Part 1

Format	Color
Hex	BB035F
RGB	187, 3, 95
RGB Percent	73%, 1%, 37%
CMY	0.2667, 0.9882, 0.6275
CMYK	0.00, 0.98, 0.49, 0.27
HSL	330°, 97%, 37%
HSV	330°, 98%, 73%
XYZ	22.5916, 11.4561, 11.8470
YIQ	68.5040, 80.1320, 67.6200

Conversions

Conversions Part 2

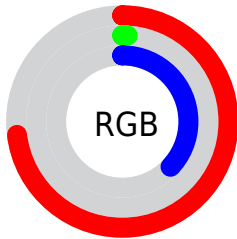
Format	Color
RYB	187, 3, 95
Decimal	12256095
CIELab	40.34, 66.89, 1.65
CIELCh	40, 66.905, 1.417
Yxy	11.4561, 0.4922, 0.2496
Android (android.graphics.Color)	4290446175 (0xFFBB035F)
YUV	68.5040, 13.0625, 103.9210
Hunter-Lab	33.8469, 59.9104, 2.9403

Details

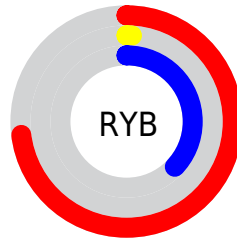
The YUV color **68.5040, 13.0625, 103.9210** is a dark color, and the websafe version is hex **CC0066**. A complement of this color would be **121.4960, -13.0625, -103.9210**, and the grayscale version is **68.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **140.5770, 2.1805, 94.2100**, and **43.5590, 2.6824, 73.1778** is the 20% darker color. If you saturate the color by 10%, you get **66.6290, 13.4939, 105.5654**, and if you desaturate by 10%, it is **80.6830, 11.4953, 93.2400**.

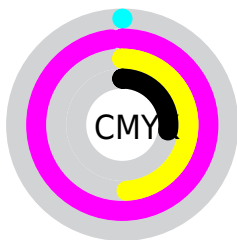
Distribution



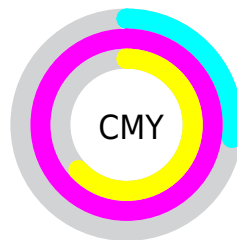
- Red (73%)
- Green (1%)
- Blue (37%)



- Red (73%)
- Yellow (1%)
- Blue (37%)



- Cyan (0%)
- Magenta (98%)
- Yellow (49%)
- Black (27%)



- Cyan (27%)
- Magenta (99%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YUV color 68.5040, 13.0625, 103.9210 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 68.5040, 13.0625, 103.9210 by changing the saturation by 10% instead.

68.5040, 13.0625,
103.9210

68.5040, 13.0625,
103.9210

255.0000, 0.0000,
0.0000

55.1510, 8.3066,
89.3216

140.5770, 2.1805,
94.2100

43.5590, 2.6824,
73.1778

162.7710, 4.5499,
80.8848

32.6080, -1.7787,
57.3488

182.8720, 7.9511,
63.2563

21.5710, -9.1555,
43.3492

203.0870, 11.7891,
45.5277

11.7750, -5.3121,
23.8763

223.3020, 15.6271,
27.7991

0.0000, 0.0000,
0.0000

240.9120, 6.9454,

12.3552

■ 68.5040, 13.0625,
103.9210

■ 68.5040, 13.0625,
103.9210

■ 66.6290, 13.4939,
105.5654

■ 80.6830, 11.4953,
93.2400

■ 92.3890, 10.6542,
82.9738

■ 104.5680, 9.0870,
72.2929

■ 116.7470, 7.5197,
61.6119

■ 128.4530, 6.6787,
51.3457

■ 140.6320, 5.1114,
40.6647

■ 152.8110, 3.5442,
29.9838

■ 165.1040, 2.4137,
19.2028

■ 176.6960, 1.1359,
9.0366

Harmonies

Analogous

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



90.5400, 28.3278, 60.9164



68.5040, 13.0625, 103.9210



80.6370, -19.0480, 89.7724

Triad

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



68.5040, 13.0625, 103.9210



80.4390, -39.6564, -20.5560



88.8060, 50.8746, -77.8829

Complementary

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



68.5040, 13.0625, 103.9210



121.4960, -13.0625, -103.9210

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.



86.4800, 31.8084, -75.8430



68.5040, 13.0625, 103.9210



71.8370, -16.6816, -63.0010

Square

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



68.5040, 13.0625, 103.9210



89.2640, -44.0072, 21.6935



80.2100, 7.7845, -70.3442



83.3580, 60.4625, -73.1050

Rectangle

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



68.5040, 13.0625, 103.9210



85.1530, -41.9804, 71.7798



80.2100, 7.7845, -70.3442



88.7260, 45.4911, -77.8127

Sweetspot

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



68.5040, 13.0625, 103.9210



195.6320, 5.1114, 40.6647



51.4840, 66.8094, 38.1635



93.6640, 3.1236, 24.8507



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.



68.5040, 13.0625, 103.9210



86.1520, 17.1801, 136.6787



58.0160, -27.1229, 113.1190



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.



68.5040, 13.0625, 103.9210



86.1520, 17.1801, 136.6787



131.9840, 27.1229, -113.1190



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 68.5040, 13.0625, 103.9210 looks on a white background.

Color Contrast Check

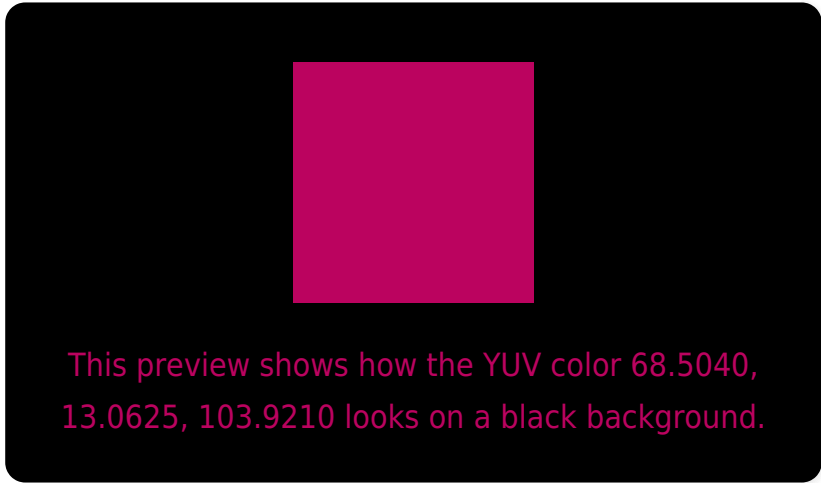
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

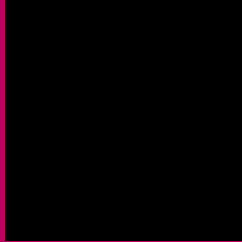
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 68.5040, 13.0625, 103.9210

Background



This preview shows how black text looks on a background with the YUV color 68.5040, 13.0625, 103.9210.



This preview shows how white text looks on a background with the YUV color 68.5040, 13.0625,

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

68.5040, 13.0625, 103.9210

Protanopia

97.3850, 19.5302, -10.8616

Deuteranopia

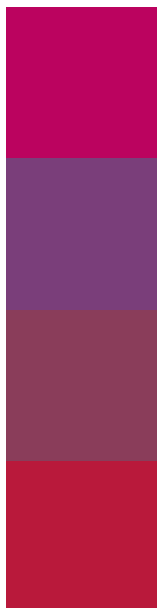
97.9860, -5.4161, 10.5363



Tritanopia

81.6540, -21.5214, 89.7574

Trichromacy



Original Color

68.5040, 13.0625, 103.9210

Protanomaly

86.7800, 17.3635, 30.8879

Deuteranomaly

87.3290, 1.3168, 44.4385

Tritanomaly

76.7160, -8.7340, 94.9651

Monochromacy



Original Color

68.5040, 13.0625, 103.9210

Achromatopsia

69.0000, 0.0000, 0.0000

Achromatomaly

68.7950, 4.5381, 37.8908

CSS Examples

Text

The CSS property to change the color of the text to YUV 68.5040, 13.0625, 103.9210 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(187, 3, 95)` looks like.

```
.text, #text, p{  
    color:rgb(187, 3, 95)  
}
```

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(187, 3, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 3, 95) }
```

Border

The CSS property to change the border of an element to YUV 68.5040, 13.0625, 103.9210 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(187, 3, 95) }
```


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

```
.border{ border-color:rgb(187, 3, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 3, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 3, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 3, 95);  
box-shadow:4px 4px 4px 4px rgb(187, 3, 95)  
}
```

Background

The CSS property to change the background color of an element to YUV 68.5040, 13.0625, 103.9210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 3, 95) }
```

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

```
.background{ background-color: rgb(187, 3,  
95) }
```

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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