

Converting Colors

YUV(66.7940, 6.5106, 105.4207)

Have a look what the booklet for
YUV(66.7940, 6.5106, 105.4207)
contains.

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Color

**YUV(66.7940, 6.5106,
105.4207)**

Conversions

Conversions Part 1

Format	Color
Hex	BB0350
RGB	187, 3, 80
RGB Percent	73%, 1%, 31%
CMY	0.2667, 0.9882, 0.6863
CMYK	0.00, 0.98, 0.57, 0.27
HSL	335°, 97%, 37%
HSV	335°, 98%, 73%
XYZ	21.9740, 11.2091, 8.5948
YIQ	66.7940, 84.9470, 62.9550

Conversions

Conversions Part 2

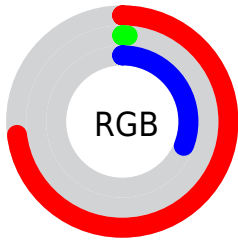
Format	Color
R_{YB}	187, 3, 80
Decimal	12256080
CIE _{Lab}	39.93, 65.79, 10.64
CIE _{LCh}	40, 66.649, 9.184
Yxy	11.2091, 0.5260, 0.2683
Android (android.graphics.Color)	4290446160 (0xFFBB0350)
YUV	66.7940, 6.5106, 105.4207
Hunter-Lab	33.4800, 58.5655, 8.2154

Details

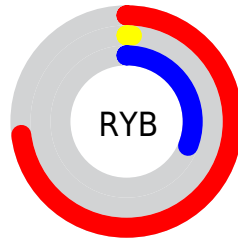
The YUV color **66.7940, 6.5106, 105.4207** is a dark color, and the websafe version is hex **CC3366**. A complement of this color would be **123.2060, -6.5106, -105.4207**, and the grayscale version is **67.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **138.4650, -4.6662, 96.9392**, and **41.7780, -2.8486, 73.8627** is the 20% darker color. If you saturate the color by 10%, you get **64.8050, 6.5051, 107.1650**, and if you desaturate by 10%, it is **79.2010, 5.8169, 94.5397**.

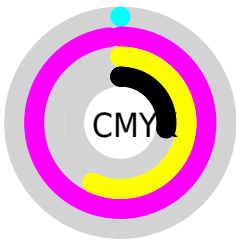
Distribution



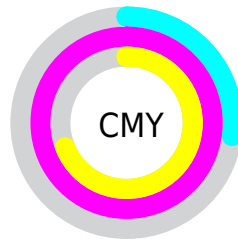
- Red (73%)
- Green (1%)
- Blue (31%)



- Red (73%)
- Yellow (1%)
- Blue (31%)



- Cyan (0%)
- Magenta (98%)
- Yellow (57%)
- Black (27%)



- Cyan (27%)
- Magenta (99%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 66.7940, 6.5106, 105.4207 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 66.7940, 6.5106, 105.4207 by changing the saturation by 10% instead.

66.7940, 6.5106,
105.4207

66.7940, 6.5106,
105.4207

255.0000, 0.0000,
0.0000

53.4410, 1.7546,
90.8212

138.4650, -4.6662,
96.9392

41.7780, -2.8486,
73.8627

160.2460, -2.5863,
83.0993

30.7130, -7.7465,
58.1337

180.2330, 0.3781,
65.5707

20.9730, -8.8607,
42.1197

200.4480, 4.2161,
47.8421

10.8780, -4.8699,
22.0320

220.6630, 8.0541,
30.1135

0.0000, 0.0000,
0.0000

240.3250, 7.2348,

12.8700

■ 66.7940, 6.5106,
105.4207

■ 66.7940, 6.5106,
105.4207

■ 64.8050, 6.5051,
107.1650

■ 79.2010, 5.8169,
94.5397

■ 91.0210, 5.4126,
84.1736

■ 103.4280, 4.7190,
73.2926

■ 115.7210, 3.5885,
62.5117

■ 127.5410, 3.1843,
52.1455

■ 139.9480, 2.4906,
41.2646

■ 152.3550, 1.7970,
30.3837

■ 164.7620, 1.1033,
19.5027

■ 176.5820, 0.6991,
9.1366

Harmonies

Analogous

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



84.5910, 24.3586, 74.0267



66.7940, 6.5106, 105.4207



82.1170, -27.1727, 82.3354

Triad

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



66.7940, 6.5106, 105.4207



74.1490, -36.5555, -35.2107



87.0280, 54.2162, -76.3236

Complementary

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



66.7940, 6.5106, 105.4207



123.2060, -6.5106, -105.4207

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.



86.5600, 37.1919, -75.9131



66.7940, 6.5106, 105.4207



73.4330, -10.5665, -64.4007

Square

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



66.7940, 6.5106, 105.4207



86.8390, -42.8116, 11.5422



81.2190, 14.1890, -71.2291



79.4940, 60.8885, -69.7162

Rectangle

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



66.7940, 6.5106, 105.4207



86.8590, -42.8215, 61.5137



81.2190, 14.1890, -71.2291



87.7630, 49.4168, -76.9682

Sweetspot

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



66.7940, 6.5106, 105.4207



194.9480, 2.4906, 41.2646



55.0720, 65.0405, 45.5409



93.3220, 1.8133, 25.1506



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.



66.7940, 6.5106, 105.4207



83.8720, 8.4441, 138.6783



65.0600, -30.5956, 106.9414



88.1470, 0.4205, 5.1331



54.7660, 5.5384, 90.5362



10.7510, 1.1088, 17.7584

Inverse Universe

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



66.7940, 6.5106, 105.4207



83.8720, 8.4441, 138.6783



124.9400, 30.5956, -106.9414



88.1470, 0.4205, 5.1331



54.7660, 5.5384, 90.5362



10.7510, 1.1088, 17.7584

Previews

White Background



This preview shows how the YUV color 66.7940, 6.5106, 105.4207 looks on a white background.

Color Contrast Check

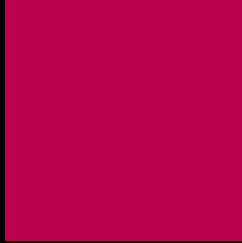
Large Text (above 18pt) WCAG AA ✓ Pass

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 66.7940, 6.5106, 105.4207 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

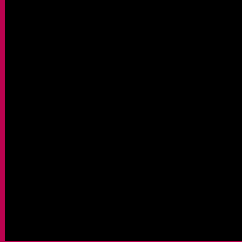
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 66.7940, 6.5106, 105.4207

Background



This preview shows how black text looks on a background with the YUV color 66.7940, 6.5106, 105.4207.

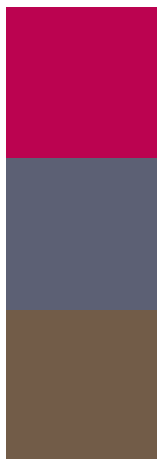


This preview shows how white text looks on a background with the YUV color 66.7940, 6.5106, 105.4207.

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

66.7940, 6.5106, 105.4207

Protanopia

97.0840, 9.3256, -4.4587

Deuteranopia

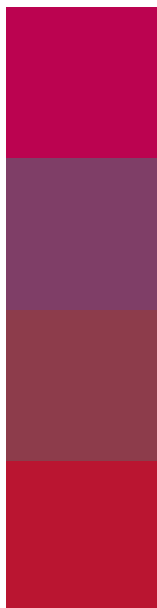
96.2980, -11.9789, 15.5247



Tritanopia

77.6330, -22.9901, 94.1609

Trichromacy



Original Color

66.7940, 6.5106, 105.4207

Protanomaly

86.1090, 8.3273, 35.8614

Deuteranomaly

85.9290, -5.3880, 48.2973

Tritanomaly

73.5270, -12.0918, 98.6388

Monochromacy



Original Color

66.7940, 6.5106, 105.4207

Achromatopsia

67.0000, 0.0000, 0.0000

Achromatomaly

67.2250, 2.3541, 38.3907

CSS Examples

Text

The CSS property to change the color of the text to YUV 66.7940, 6.5106, 105.4207 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, 80)` looks like.

```
.text, #text, p{  
  color:rgb(187, 3, 80)  
}
```

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, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 3, 80) }
```

Border

The CSS property to change the border of an element to YUV 66.7940, 6.5106, 105.4207 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, 80) }
```


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

```
.border{ border-color:rgb(187, 3, 80) }
```

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, 80)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 3, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 3, 80);  
box-shadow:4px 4px 4px 4px rgb(187, 3, 80)  
}
```

Background

The CSS property to change the background color of an element to YUV 66.7940, 6.5106, 105.4207 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, 80) }
```

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

```
.background{ background-color: rgb(187, 3,  
80) }
```

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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