

Converting Colors

YUV(67.8470, -7.3196,
108.0052)

Have a look what the booklet for
YUV(67.8470, -7.3196, 108.0052)
contains.

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Color

**YUV(67.8470, -7.3196,
108.0052)**

Conversions

Conversions Part 1

Format	Color
Hex	BF0835
RGB	191, 8, 53
RGB Percent	75%, 3%, 21%
CMY	0.2510, 0.9686, 0.7922
CMYK	0.00, 0.96, 0.72, 0.25
HSL	345°, 92%, 39%
HSV	345°, 96%, 75%
XYZ	22.2153, 11.5071, 4.4184
YIQ	67.8470, 94.6230, 52.7910

Conversions

Conversions Part 2

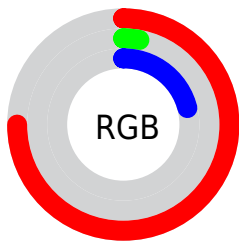
Format	Color
R_{YB}	191, 8, 53
Decimal	12519477
CIE Lab	40.42, 64.80, 28.55
CIE LCh	40, 70.808, 23.780
Yxy	11.5071, 0.5825, 0.3017
Android (android.graphics.Color)	4290709557 (0xFFBF0835)
YUV	67.8470, -7.3196, 108.0052
Hunter-Lab	33.9221, 57.5346, 16.0229

Details

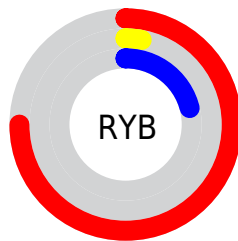
The YUV color **67.8470, -7.3196, 108.0052** is a dark color, and the websafe version is hex **CC0033**. A complement of this color would be **131.1530, 7.3196, -108.0052**, and the grayscale version is **68.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **137.1270, -18.7966, 102.4976**, and **39.8250, -14.2107, 78.2065** is the 20% darker color. If you saturate the color by 10%, you get **62.4670, -7.6252, 112.7234**, and if you desaturate by 10%, it is **80.5960, -6.7028, 96.8243**.

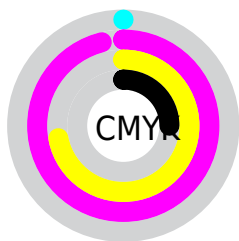
Distribution



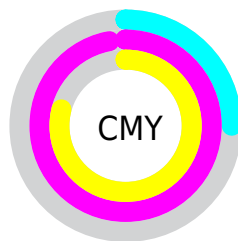
- Red (75%)
- Green (3%)
- Blue (21%)



- Red (75%)
- Yellow (3%)
- Blue (21%)



- Cyan (0%)
- Magenta (96%)
- Yellow (72%)
- Black (25%)



- Cyan (25%)
- Magenta (97%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the YUV color 67.8470, -7.3196, 108.0052 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 67.8470, -7.3196, 108.0052 by changing the saturation by 10% instead.

■ 67.8470, -7.3196,
108.0052

■ 67.8470, -7.3196,
108.0052

■ 255.0000, 0.0000,
0.0000

■ 51.4880, -9.6076,
95.1650

■ 137.1270,
-18.7966, 102.4976

■ 39.8250, -14.2107,
78.2065

■ 157.2990,
-16.4164, 85.6838

■ 29.3020, -14.4459,
60.2481

■ 177.2860,
-13.4520, 68.1552

■ 21.2720, -9.0081,
42.7345

■ 197.3870,
-10.0508, 50.5266

■ 11.1770, -5.0173,
22.6468

■ 217.4880, -6.6496,
32.8980

■ 0.0000, 0.0000,
0.0000

■ 238.2900, -3.1010,

14.6547

■ 67.8470, -7.3196,
108.0052

■ 67.8470, -7.3196,
108.0052

■ 62.4670, -7.6252,
112.7234

■ 80.5960, -6.7028,
96.8243

■ 93.4590, -5.6493,
85.5435

■ 106.2080, -5.0325,
74.3626

■ 119.0710, -3.9790,
63.0817

■ 132.4070, -3.6517,
51.3861

■ 145.1560, -3.0349,
40.2052

■ 158.0190, -1.9814,
28.9243

■ 170.7680, -1.3646,
17.7435

■ 183.6310, -0.3111,
6.4626

Harmonies

Analogous

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



68.7520, 20.3353, 104.5805



67.8470, -7.3196, 108.0052



85.4520, -42.1278, 72.3946

Triad

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



67.8470, -7.3196, 108.0052



68.2860, -27.7490, -59.8868



86.9770, 61.6363, -76.2788

Complementary

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



67.8470, -7.3196, 108.0052



131.1530, 7.3196, -108.0052

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.



90.2250, 48.6961, -79.1273



67.8470, -7.3196, 108.0052



78.5000, 1.2325, -68.8445

Square

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



67.8470, -7.3196, 108.0052



83.7500, -41.2888, -10.3048



85.9270, 27.1510, -75.3580



87.6770, 56.8542, -35.6737

Rectangle

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



67.8470, -7.3196, 108.0052



90.0050, -44.3725, 45.5996



85.9270, 27.1510, -75.3580



88.8690, 58.7316, -77.9381

Sweetspot

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



67.8470, -7.3196, 108.0052



199.1670, -3.0403, 41.9495



69.8250, 59.7393, 65.9285



95.4100, -1.6811, 25.9504



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



67.8470, -7.3196, 108.0052



80.8070, -9.7649, 145.7513



89.7190, -40.2875, 88.8234



87.9190, -0.4531, 5.3330



51.6880, -6.2552, 93.2356



10.1810, -1.0752, 18.2583

Inverse Universe

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



67.8470, -7.3196, 108.0052



80.8070, -9.7649, 145.7513



109.2810, 40.2875, -88.8234



87.9190, -0.4531, 5.3330



51.6880, -6.2552, 93.2356



10.1810, -1.0752, 18.2583

Previews

White Background



This preview shows how the YUV color 67.8470, -7.3196, 108.0052 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

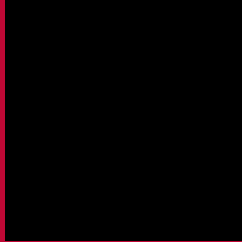
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 67.8470, -7.3196, 108.0052

Background



This preview shows how black text looks on a background with the YUV color 67.8470, -7.3196, 108.0052.

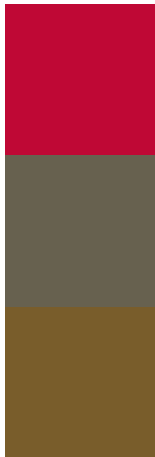


This preview shows how white text looks on a background with the YUV color 67.8470, -7.3196,

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

67.8470, -7.3196, 108.0052

Protanopia

96.7420, -8.7468, 5.4883

Deuteranopia

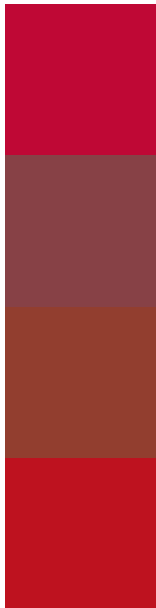
95.6720, -25.9673, 22.2127



Tritanopia

72.3630, -26.8010, 103.1676

Trichromacy



Original Color

67.8470, -7.3196, 108.0052

Protanomaly

86.5000, -8.1345, 42.5345

Deuteranomaly

85.4060, -18.9342, 53.1409

Tritanomaly

70.9100, -19.6756, 104.4419

Monochromacy



Original Color

67.8470, -7.3196, 108.0052

Achromatopsia

68.0000, 0.0000, 0.0000

Achromatomaly

67.9710, -2.4507, 39.4904

CSS Examples

Text

The CSS property to change the color of the text to YUV 67.8470, -7.3196, 108.0052 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(191, 8, 53)` looks like.

```
.text, #text, p{  
  color:rgb(191, 8, 53)  
}
```

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(191, 8, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 8, 53) }
```

Border

The CSS property to change the border of an element to YUV 67.8470, -7.3196, 108.0052 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(191, 8, 53) }
```


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

```
.border{ border-color:rgb(191, 8, 53) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 8, 53)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 8, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 8, 53);  
box-shadow:4px 4px 4px 4px rgb(191, 8, 53)  
}
```

Background

The CSS property to change the background color of an element to YUV 67.8470, -7.3196, 108.0052 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 8, 53) }
```

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

```
.background{ background-color: rgb(191, 8,  
53) }
```

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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