

Converting Colors

YUV(106.9840, -5.4151,
57.0190)

Have a look what the booklet for
YUV(106.9840, -5.4151, 57.0190)
contains.

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Color

**YUV(106.9840, -5.4151,
57.0190)**

Conversions

Conversions Part 1

Format	Color
Hex	AC4C60
RGB	172, 76, 96
RGB Percent	67%, 30%, 38%
CMY	0.3255, 0.7020, 0.6235
CMYK	0.00, 0.56, 0.44, 0.33
HSL	348°, 39%, 49%
HSV	348°, 56%, 67%
XYZ	21.7090, 14.7841, 12.7757
YIQ	106.9840, 50.7960, 26.5720

Conversions

Conversions Part 2

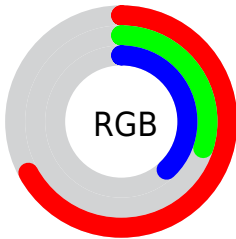
Format	Color
R_{YB}	172, 76, 96
Decimal	11291744
CIE _{Lab}	45.34, 41.25, 7.84
CIE _{LCh}	45, 41.990, 10.762
Yxy	14.7841, 0.4406, 0.3001
Android (android.graphics.Color)	4289481824 (0xFFAC4C60)
YUV	106.9840, -5.4151, 57.0190
Hunter-Lab	38.4501, 33.4941, 7.2148

Details

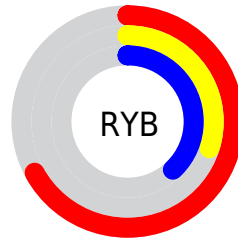
The YUV color **106.9840, -5.4151, 57.0190** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **141.0160, 5.4151, -57.0190**, and the grayscale version is **107.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **160.5500, -7.1732, 60.9076**, and **53.8850, -1.9153, 54.4749** is the 20% darker color. If you saturate the color by 10%, you get **95.4090, -6.6106, 67.1703**, and if you desaturate by 10%, it is **118.5590, -4.2196, 46.8678**.

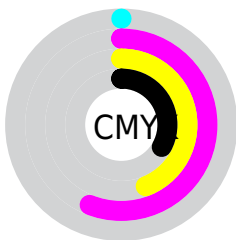
Distribution



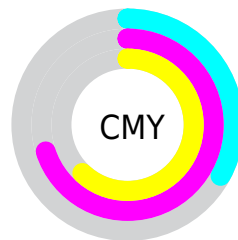
- Red (67%)
- Green (30%)
- Blue (38%)



- Red (67%)
- Yellow (30%)
- Blue (38%)



- Cyan (0%)
- Magenta (56%)
- Yellow (44%)
- Black (33%)





- Cyan (33%)
- Magenta (70%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the YUV color 106.9840, -5.4151, 57.0190 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 106.9840, -5.4151, 57.0190 by changing the saturation by 10% instead.


 106.9840, -5.4151,
57.0190


 106.9840, -5.4151,
57.0190


255.0000, 0.0000,
0.0000


 80.6140, -4.2467,
55.5895


 160.5500, -7.1732,
60.9076

 53.8850, -1.9153,
54.4749


 186.9520, -6.8783,
59.6781


 29.6180, -0.3047,
51.2010

 206.4660, -3.1877,
42.5643

 18.8800, -7.8288,
37.8162

 226.0940, 0.9397,
25.3506

 10.5790, -4.7224,
21.4172

 246.1950, 4.3409,
7.7220

 0.0000, 0.0000,
0.0000

■ 106.9840, -5.4151,
57.0190

■ 106.9840, -5.4151,
57.0190

■ 95.4090, -6.6106,
67.1703

■ 118.5590, -4.2196,
46.8678

■ 83.9480, -7.3694,
77.2216

■ 130.0200, -3.4609,
36.8165

■ 71.7860, -8.2755,
87.8877

■ 142.1820, -2.5547,
26.1504

■ 60.3250, -9.0342,
97.9390

■ 153.6430, -1.7960,
16.0991

■ 55.5320, -9.6293,
102.1424

■ 165.2180, -0.6005,
5.9478

■ 176.7930, 0.5951,
-4.2035

■ 188.2540, 1.3538,
-14.2548

■ 200.4160, 2.2599,

-24.9208

■ 211.9910, 3.4554,
-35.0721

Harmonies

Analogous

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



109.7340, 10.4841, 44.0833



106.9840, -5.4151, 57.0190



106.1240, -21.2601, 52.5113

Triad

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



106.9840, -5.4151, 57.0190



97.8040, -23.0744, -19.1221



88.4010, 41.7073, -77.5277

Complementary

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



106.9840, -5.4151, 57.0190



141.0160, 5.4151, -57.0190

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.



89.5290, 30.7982, -78.5169



106.9840, -5.4151, 57.0190



81.6630, 0.6591, -71.6185

Square

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



106.9840, -5.4151, 57.0190



102.7170, -34.3705, 10.7722



86.9410, 15.8051, -76.2473



102.6070, 36.1827, -32.1043

Rectangle

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



106.9840, -5.4151, 57.0190



105.5820, -29.3739, 41.5856



86.9410, 15.8051, -76.2473



89.5920, 38.6551, -78.5722

Sweetspot

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



106.9840, -5.4151, 57.0190



198.2740, -2.1071, 22.5617



109.3690, 30.8771, 36.5104



97.0340, -1.4958, 13.1252



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



106.9840, -5.4151, 57.0190



122.3840, -8.5703, 89.1172



120.5530, -21.9646, 45.1190



80.9190, -0.4531, 5.3330



48.3840, -8.5703, 89.1172



7.4470, -1.2064, 13.6400

Inverse Universe

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



106.9840, -5.4151, 57.0190



122.3840, -8.5703, 89.1172



127.4470, 21.9646, -45.1190



80.9190, -0.4531, 5.3330



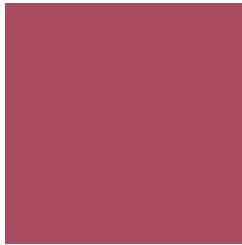
48.3840, -8.5703, 89.1172



7.4470, -1.2064, 13.6400

Previews

White Background



This preview shows how the YUV color 106.9840, -5.4151, 57.0190 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 106.9840, -5.4151, 57.0190 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

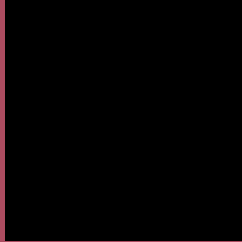
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 106.9840, -5.4151, 57.0190

Background



This preview shows how black text looks on a background with the YUV color 106.9840, -5.4151, 57.0190.

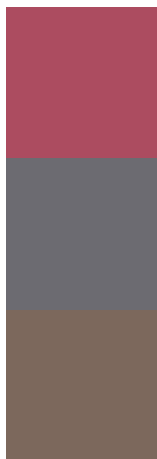


This preview shows how white text looks on a background with the YUV color 106.9840, -5.4151,

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

106.9840, -5.4151, 57.0190

Protanopia

107.9830, 2.4734, 0.0149

Deuteranopia

108.6120, -8.1897, 13.4953



Tritanopia

106.4910, -11.0881, 56.5744

Trichromacy



Original Color

106.9840, -5.4151, 57.0190

Protanomaly

107.7190, -0.3545, 20.4174

Deuteranomaly

107.9390, -7.3649, 28.9945

Tritanomaly

106.3600, -9.0515, 56.6893

Monochromacy



Original Color

106.9840, -5.4151, 57.0190

Achromatopsia

107.0000, 0.0000, 0.0000

Achromatomaly

107.2630, -2.1017, 20.8173

CSS Examples

Text

The CSS property to change the color of the text to YUV 106.9840, -5.4151, 57.0190 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(172, 76, 96)` looks like.

```
.text, #text, p{  
    color:rgb(172, 76, 96)  
}
```

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(172, 76, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 76, 96) }
```

Border

The CSS property to change the border of an element to YUV 106.9840, -5.4151, 57.0190 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(172, 76, 96) }
```


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

```
.border{ border-color:rgb(172, 76, 96) }
```

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

Here you see how a box with a 4 pixel rgb(172, 76, 96) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 76, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 76, 96);  
box-shadow:4px 4px 4px 4px rgb(172, 76,  
96) }
```

Background

The CSS property to change the background color of an element to YUV 106.9840, -5.4151, 57.0190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 76, 96) }
```

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

```
.background{ background-color: rgb(172, 76,  
96) }
```

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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