

Converting Colors

YUV(113.8640, -3.3840,
58.8783)

Have a look what the booklet for
YUV(113.8640, -3.3840, 58.8783)
contains.

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Color

**YUV(113.8640, -3.3840,
58.8783)**

Conversions

Conversions Part 1

Format	Color
Hex	B5516B
RGB	181, 81, 107
RGB Percent	71%, 32%, 42%
CMY	0.2902, 0.6824, 0.5804
CMYK	0.00, 0.55, 0.41, 0.29
HSL	344°, 40%, 51%
HSV	344°, 55%, 71%
XYZ	24.6523, 16.7702, 15.8476
YIQ	113.8640, 51.2540, 29.2860

Conversions

Conversions Part 2

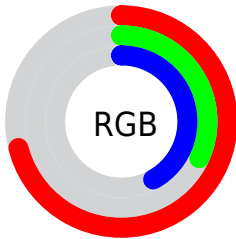
Format	Color
R_{YB}	181, 81, 107
Decimal	11882859
CIE _{Lab}	47.97, 43.14, 5.09
CIE _{LCh}	48, 43.437, 6.727
Yxy	16.7702, 0.4305, 0.2928
Android (android.graphics.Color)	4290072939 (0xFFB5516B)
YUV	113.8640, -3.3840, 58.8783
Hunter-Lab	40.9514, 35.7903, 5.7216

Details

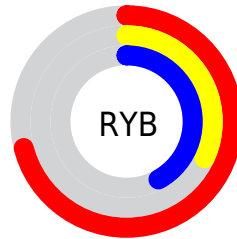
The YUV color **113.8640, -3.3840, 58.8783** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **148.1360, 3.3840, -58.8783**, and the grayscale version is **114.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **168.4300, -5.1420, 62.7669**, and **60.3520, -0.1735, 55.8193** is the 20% darker color. If you saturate the color by 10%, you get **101.8160, -3.8533, 69.4444**, and if you desaturate by 10%, it is **125.9120, -2.9146, 48.3122**.

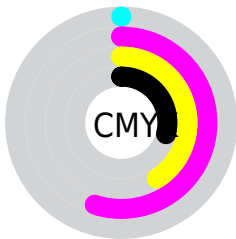
Distribution



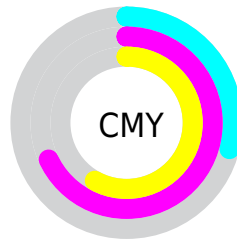
- Red (71%)
- Green (32%)
- Blue (42%)



- Red (71%)
- Yellow (32%)
- Blue (42%)



- Cyan (0%)
- Magenta (55%)
- Yellow (41%)
- Black (29%)



- Cyan (29%)
- Magenta (68%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YUV color 113.8640, -3.3840, 58.8783 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 113.8640, -3.3840, 58.8783 by changing the saturation by 10% instead.

■ 113.8640, -3.3840,
58.8783

■ 113.8640, -3.3840,
58.8783

■ 255.0000, 0.0000,
0.0000

■ 87.1950, -2.0681,
56.8340

■ 168.4300, -5.1420,
62.7669

■ 60.3520, -0.1735,
55.8193

■ 191.8420, -3.3731,
55.3896

■ 33.3350, 2.2998,
55.8342

■ 211.4700, 0.7543,
38.1758

■ 22.9820, -2.4561,
41.2348

■ 231.0980, 4.8817,
20.9621

■ 13.9820, -5.9071,
28.0798

■ 249.7170, 2.6045,
4.6332

■ 0.0000, 0.0000,
0.0000

■ 113.8640, -3.3840,
58.8783

■ 113.8640, -3.3840,
58.8783

■ 101.8160, -3.8533,
69.4444

■ 125.9120, -2.9146,
48.3122

■ 89.6540, -4.7594,
80.1104

■ 138.0740, -2.0085,
37.6461

■ 77.6060, -5.2288,
90.6765

■ 150.1220, -1.5391,
27.0800

■ 65.4440, -6.1349,
101.3426

■ 162.2840, -0.6330,
16.4139

■ 59.4770, -6.1512,
106.5757


■ 174.9190, -0.4531,
5.3330

■ 186.9670, 0.0163,
-5.2331

■ 199.1290, 0.9224,
-15.8991

■ 211.1770, 1.3917,

-26.4652

 223.3390, 2.2979,
-37.1313

Harmonies

Analogous

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



116.8200, 13.3997, 42.2539



113.8640, -3.3840, 58.8783



112.7870, -20.1080, 56.3148

Triad

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



113.8640, -3.3840, 58.8783



105.0280, -26.1428, -14.9336



94.0090, 42.8866, -82.4459

Complementary

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



113.8640, -3.3840, 58.8783



148.1360, 3.3840, -58.8783

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.



94.7950, 30.6671, -83.1352



113.8640, -3.3840, 58.8783



93.5460, -5.1992, -59.2378

Square

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



113.8640, -3.3840, 58.8783



109.2830, -36.1285, 14.6608



91.2780, 14.6529, -80.0508



106.1650, 39.8517, -42.2407

Rectangle

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



113.8640, -3.3840, 58.8783



112.3160, -29.2428, 46.2039



91.2780, 14.6529, -80.0508



94.9720, 38.9608, -83.2904

Sweetspot

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



113.8640, -3.3840, 58.8783



208.1000, -1.5283, 23.5913



114.2270, 32.9191, 34.8809



101.5610, -0.7696, 13.5400



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



113.8640, -3.3840, 58.8783



130.9050, -5.3762, 91.2913



124.4010, -21.3967, 49.6373



83.0330, -0.0163, 5.2331



50.3070, -5.0814, 90.0618



8.5720, -0.7750, 15.2844

Inverse Universe

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



113.8640, -3.3840, 58.8783



130.9050, -5.3762, 91.2913



137.5990, 21.3967, -49.6373



83.0330, -0.0163, 5.2331



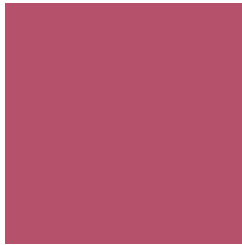
50.3070, -5.0814, 90.0618



8.5720, -0.7750, 15.2844

Previews

White Background



This preview shows how the YUV color 113.8640, -3.3840, 58.8783 looks on a white background.

Color Contrast Check

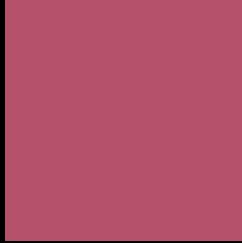
Large Text (above 18pt) WCAG AA ✓ Pass

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 113.8640, -3.3840, 58.8783 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

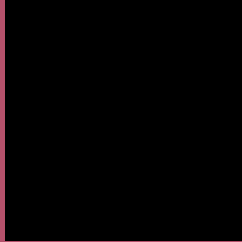
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 113.8640, -3.3840, 58.8783

Background



This preview shows how black text looks on a background with the YUV color 113.8640, -3.3840, 58.8783.



This preview shows how white text looks on a background with the YUV color 113.8640, -3.3840,

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

113.8640, -3.3840, 58.8783

Protanopia

115.0690, 5.3890, -1.8145

Deuteranopia

115.0680, -6.4425, 13.0954



Tritanopia

113.3880, -11.5303, 58.4187

Trichromacy



Original Color

113.8640, -3.3840, 58.8783

Protanomaly

114.7020, 2.1189, 20.4323

Deuteranomaly

114.5200, -5.1864, 30.2390

Tritanomaly

113.4850, -8.6201, 58.3337

Monochromacy



Original Color

113.8640, -3.3840, 58.8783

Achromatopsia

114.0000, 0.0000, 0.0000

Achromatomaly

113.7900, -1.3755, 21.2322

CSS Examples

Text

The CSS property to change the color of the text to YUV 113.8640, -3.3840, 58.8783 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(181, 81, 107)` looks like.

```
.text, #text, p{  
    color:rgb(181, 81, 107)  
}
```

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(181, 81, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 81, 107) }
```

Border

The CSS property to change the border of an element to YUV 113.8640, -3.3840, 58.8783 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(181, 81, 107) }
```


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

```
.border{ border-color:rgb(181, 81, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 81, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 81, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 81, 107);  
box-shadow:4px 4px 4px 4px rgb(181, 81,  
107) }
```

Background

The CSS property to change the background color of an element to YUV 113.8640, -3.3840, 58.8783 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 81, 107) }
```

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

```
.background{ background-color: rgb(181, 81,  
107) }
```

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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