

Converting Colors

YUV(113.3840, -9.0633,
13.6952)

Have a look what the booklet for
YUV(113.3840, -9.0633, 13.6952)
contains.

YUV(113.3840, -9.0633, 13.6952)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(113.3840, -9.0633,
13.6952)**

Conversions

Conversions Part 1

Format	Color
Hex	816D5F
RGB	129, 109, 95
RGB Percent	51%, 43%, 37%
CMY	0.4941, 0.5725, 0.6275
CMYK	0.00, 0.16, 0.26, 0.49
HSL	25°, 15%, 44%
HSV	25°, 26%, 51%
XYZ	16.5875, 16.4306, 13.1236
YIQ	113.3840, 16.4140, -0.1140

Conversions

Conversions Part 2

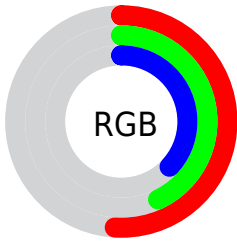
Format	Color
R_{YB}	129, 119, 95
Decimal	8482143
CIE _{Lab}	47.53, 5.56, 10.75
CIE _{LCh}	48, 12.102, 62.649
Yxy	16.4306, 0.3595, 0.3561
Android (android.graphics.Color)	4286672223 (0xFF816D5F)
YUV	113.3840, -9.0633, 13.6952
Hunter-Lab	40.5347, 2.1093, 9.1784

Details

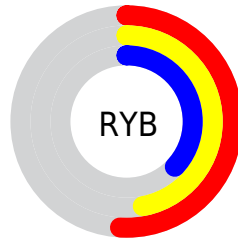
The YUV color **113.3840, -9.0633, 13.6952** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **110.6160, 9.0633, -13.6952**, and the grayscale version is **113.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **164.8680, -9.7949, 15.0248**, and **65.6010, -8.1843, 11.7509** is the 20% darker color. If you saturate the color by 10%, you get **107.2060, -12.4266, 19.1133**, and if you desaturate by 10%, it is **119.5620, -5.7001, 8.2771**.

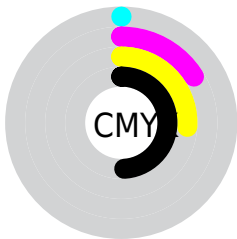
Distribution



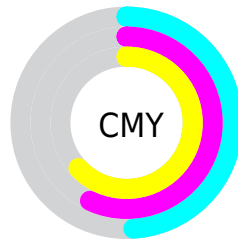
- Red (51%)
- Green (43%)
- Blue (37%)



- Red (51%)
- Yellow (47%)
- Blue (37%)



- Cyan (0%)
- Magenta (16%)
- Yellow (26%)
- Black (49%)



- Cyan (49%)
- Magenta (57%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YUV color 113.3840, -9.0633, 13.6952 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 113.3840, -9.0633, 13.6952 by changing the saturation by 10% instead.

■ 113.3840, -9.0633,
13.6952

■ 113.3840, -9.0633,
13.6952

255.0000, 0.0000,
0.0000

■ 89.0850, -8.9159,
13.0805

■ 164.8680, -9.7949,
15.0248

■ 65.6010, -8.1843,
11.7509

■ 192.1670, -9.9423,
15.6395

■ 43.4160, -7.6001,
11.0362

■ 220.3520,
-10.5265, 16.3543

■ 21.8460, -9.7841,
11.5361

■ 245.3510, -9.0470,
8.4622

■ 0.0000, 0.0000,
0.0000

■ 113.3840, -9.0633,

■ 113.3840, -9.0633,

13.6952

13.6952

■ 107.2060,
-12.4266, 19.1133

■ 119.5620, -5.7001,
8.2771

■ 101.6150,
-16.0792, 24.0166

■ 125.1530, -2.0474,
3.3738

■ 95.4370, -19.4424,
29.4348

■ 131.3310, 1.3158,
-2.0443

■ 89.8460, -23.0951,
34.3381

■ 136.9220, 4.9685,
-6.9476

■ 83.6680, -26.4583,
39.7562

■ 143.1000, 8.3317,
-12.3657

■ 77.6040, -29.3848,
45.0743

■ 149.1640, 11.2581,
-17.6838

■ 72.0130, -33.0374,
49.9776

■ 154.7550, 14.9108,
-22.5871

■ 69.6820, -34.3532,
52.0219

■ 160.9330, 18.2740,
-28.0052

■ 166.5240, 21.9267,
-32.9085

Harmonies

Analogous

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



113.9160, -5.8746, 17.6137



113.3840, -9.0633, 13.6952



112.2260, -9.4784, 6.8178

Triad

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



113.3840, -9.0633, 13.6952



109.3460, 1.8014, -17.8434



114.0740, 7.8515, 1.6891

Complementary

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



113.3840, -9.0633, 13.6952



110.6160, 9.0633, -13.6952

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.



112.2900, 10.2100, -8.1473



113.3840, -9.0633, 13.6952



109.0020, 6.9010, -20.1728

Square

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



113.3840, -9.0633, 13.6952



110.0110, -3.4564, -11.4106



110.1210, 9.8003, -16.7691



114.6900, 3.6038, 10.7959

Rectangle

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



113.3840, -9.0633, 13.6952



111.7090, -8.7305, 0.2552



110.1210, 9.8003, -16.7691



113.2800, 8.7360, -1.9996

Sweetspot

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



113.3840, -9.0633, 13.6952



161.8220, -3.3632, 5.4181



107.4460, 3.7241, 18.9029



80.1530, -2.0474, 3.3738



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

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



113.3840, -9.0633, 13.6952



143.6470, -14.6160, 21.3576



123.3630, -13.9830, 4.9436



60.8540, -1.9000, 2.7590



68.7960, -33.9164, 51.9219



0.0000, 0.0000, 0.0000

Inverse Universe

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



110.6160, 9.0633, -13.6952



138.9400, 14.3266, -21.8724



100.6370, 13.9830, -4.9436



60.1460, 1.9000, -2.7590



58.6170, 34.2058, -51.4071



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 113.3840, -9.0633, 13.6952 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 113.3840, -9.0633, 13.6952 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 113.3840, -9.0633, 13.6952

Background



This preview shows how black text looks on a background with the YUV color 113.3840, -9.0633, 13.6952.

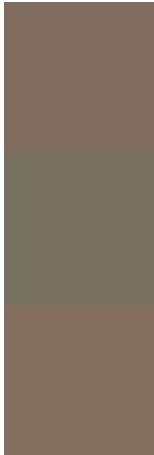


This preview shows how white text looks on a background with the YUV color 113.3840, -9.0633,

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

113.3840, -9.0633, 13.6952

Protanopia

112.9700, -7.8732, 5.2883

Deuteranopia

113.6830, -9.2107, 14.3100



Tritanopia

114.3870, -0.1908, 14.5696

Trichromacy



Original Color

113.3840, -9.0633, 13.6952

Protanomaly

113.4650, -8.6102, 8.3622

Deuteranomaly

113.6830, -9.2107, 14.3100

Tritanomaly

113.8770, -3.3904, 14.1399

Monochromacy



Original Color

113.3840, -9.0633, 13.6952

Achromatopsia

113.0000, 0.0000, 0.0000

Achromatomaly

113.4090, -3.6526, 4.9033

CSS Examples

Text

The CSS property to change the color of the text to YUV 113.3840, -9.0633, 13.6952 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(129, 109, 95)` looks like.

```
.text, #text, p{  
    color:rgb(129, 109, 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(129, 109, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 109, 95) }
```

Border

The CSS property to change the border of an element to YUV 113.3840, -9.0633, 13.6952 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(129, 109, 95) }
```


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

```
.border{ border-color:rgb(129, 109, 95) }
```

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

Here you see how a box with a 4 pixel rgb(129, 109, 95) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 109, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 109, 95);  
box-shadow:4px 4px 4px 4px rgb(129, 109,  
95) }
```

Background

The CSS property to change the background color of an element to YUV 113.3840, -9.0633, 13.6952 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 109, 95) }
```

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

```
.background{ background-color: rgb(129,  
109, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor