

Converting Colors

YUV(113.4980, 4.6845, -9.2067)

Have a look what the booklet for
YUV(113.4980, 4.6845, -9.2067)
contains.

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Color

**YUV(113.4980, 4.6845,
-9.2067)**

Conversions

Conversions Part 1

Format	Color
Hex	67757B
RGB	103, 117, 123
RGB Percent	40%, 46%, 48%
CMY	0.5961, 0.5412, 0.5176
CMYK	0.16, 0.05, 0.00, 0.52
HSL	198°, 9%, 44%
HSV	198°, 16%, 48%
XYZ	15.5300, 17.0362, 21.2087
YIQ	113.4980, -10.2700, -1.1020

Conversions

Conversions Part 2

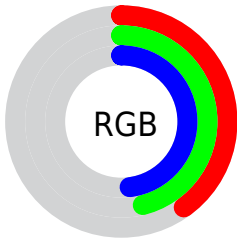
Format	Color
R_{YB}	103, 111, 123
Decimal	6780283
CIE _{Lab}	48.31, -3.83, -5.06
CIE _{LCh}	48, 6.350, 232.876
Yxy	17.0362, 0.2888, 0.3168
Android (android.graphics.Color)	4284970363 (0xFF67757B)
YUV	113.4980, 4.6845, -9.2067
Hunter-Lab	41.2749, -5.0694, -1.5731

Details

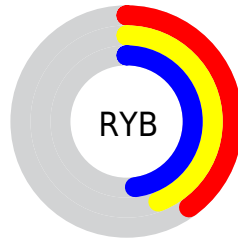
The YUV color **113.4980, 4.6845, -9.2067** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **112.5020, -4.6845, 9.2067**, and the grayscale version is **113.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **165.1990, 4.8319, -9.8215**, and **65.6830, 4.1003, -8.4920** is the 20% darker color. If you saturate the color by 10%, you get **107.5620, 7.6109, -14.5249**, and if you desaturate by 10%, it is **119.4340, 1.7580, -3.8886**.

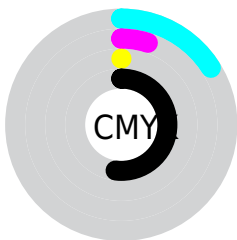
Distribution



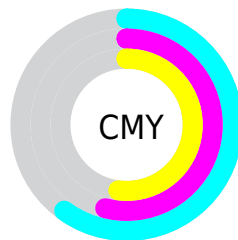
- Red (40%)
- Green (46%)
- Blue (48%)



- Red (40%)
- Yellow (44%)
- Blue (48%)



- Cyan (16%)
- Magenta (5%)
- Yellow (0%)
- Black (52%)



- Cyan (60%)
- Magenta (54%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the YUV color 113.4980, 4.6845, -9.2067 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 113.4980, 4.6845, -9.2067 by changing the saturation by 10% instead.

■ 113.4980, 4.6845,
-9.2067

■ 113.4980, 4.6845,
-9.2067

■ 255.0000, 0.0000,
0.0000

■ 88.7970, 4.5371,
-8.5920

■ 165.1990, 4.8319,
-9.8215

■ 65.6830, 4.1003,
-8.4920

■ 192.3130, 5.2687,
-9.9215

■ 43.6830, 4.1003,
-8.4920

■ 220.3130, 5.2687,
-9.9215

■ 22.6830, 4.1003,
-8.4920

■ 248.4440, 3.2321,
-10.0364

■ 0.5700, 2.1840,
-0.4999

■ 0.0000, 0.0000,
0.0000

■ 113.4980, 4.6845,
-9.2067

■ 113.4980, 4.6845,
-9.2067

■ 107.5620, 7.6109,
-14.5249

■ 119.4340, 1.7580,
-3.8886

■ 101.9140, 10.3954,
-20.9726

■ 125.0820, -1.0264,
2.5591

■ 95.9780, 13.3218,
-26.2907

■ 131.0180, -3.9529,
7.8772

■ 90.0420, 16.2483,
-31.6088

■ 136.9540, -6.8793,
13.1953

■ 84.6930, 18.8854,
-37.4418

■ 142.6020, -9.6638,
19.6430

■ 78.4580, 21.9592,
-43.3747

■ 148.5380,
-12.5902, 24.9612

■ 72.5220, 24.8857,
-48.6928

■ 154.4740,
-15.5167, 30.2793

■ 66.5860, 27.8121,

■ 160.4100,

-54.0109

-18.4431, 35.5974

■ 64.5040, 28.8385,
-56.5700

■ 166.0580,
-21.2276, 42.0451

Harmonies

Analogous

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



113.3300, 2.7953, -9.9364



113.4980, 4.6845, -9.2067



114.6340, 5.1104, -5.8180

Triad

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



113.4980, 4.6845, -9.2067



115.7560, 0.1203, 8.1070



114.4470, -4.6574, 0.4850

Complementary

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



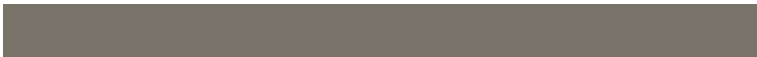
113.4980, 4.6845, -9.2067



112.5020, -4.6845, 9.2067

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.



114.9530, -5.3998, 5.3032



113.4980, 4.6845, -9.2067



115.4850, -2.2111, 9.2217

Square

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



113.4980, 4.6845, -9.2067



115.7170, 2.6045, 4.6332



115.2030, -4.5371, 8.5920



113.2830, -2.6045, -4.6332

Rectangle

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



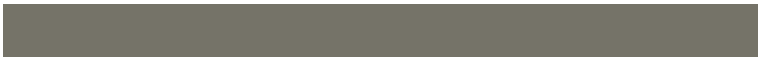
113.4980, 4.6845, -9.2067



114.6560, 5.0996, -2.3293



115.2030, -4.5371, 8.5920



114.3440, -5.0996, 2.3293

Sweetspot

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



113.4980, 4.6845, -9.2067



156.8470, 2.0474, -3.3738



115.4240, -3.1670, -10.8958



79.3310, 1.3158, -2.0443



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000

Same Dimension

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



113.4980, 4.6845, -9.2067



145.5620, 7.6109, -14.5249



107.6280, 7.5784, -4.0588



58.0320, 1.4632, -2.6591



65.3190, 29.4227, -57.2848



132.6270, 58.8509, -116.3139

Inverse Universe

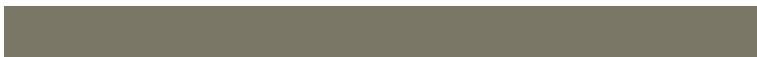
The Inverse Universe completely reimagines the original color for something new.



110.5760, 3.1670, 10.8958



141.0760, 4.8925, 17.4733



118.3720, -7.5784, 4.0588



57.2500, 0.8628, 3.2887



47.2930, 19.5756, 68.1490



95.5260, 40.1667, 137.2277

Previews

White Background



This preview shows how the YUV color 113.4980, 4.6845, -9.2067 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 113.4980, 4.6845, -9.2067 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

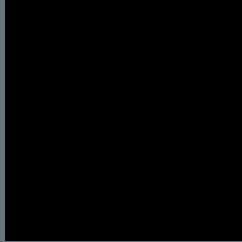
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

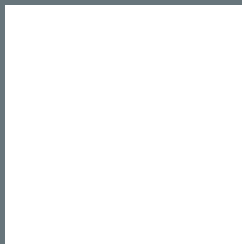
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 113.4980, 4.6845, -9.2067

Background



This preview shows how black text looks on a background with the YUV color 113.4980, 4.6845, -9.2067.



This preview shows how white text looks on a background with the YUV color 113.4980, 4.6845,

-9.2067.

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

113.4980, 4.6845, -9.2067

Protanopia

115.0970, 2.9102, -0.0851

Deuteranopia

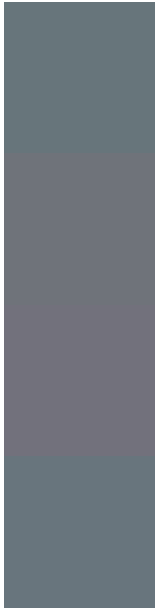
115.4720, 4.2043, 4.8481



Tritanopia

114.1390, 5.8475, -8.8919

Trichromacy



Original Color

113.4980, 4.6845, -9.2067

Protanomaly

114.6020, 3.6472, -3.1590

Deuteranomaly

114.5530, 4.6574, -0.4850

Tritanomaly

114.0250, 5.4107, -8.7919

Monochromacy



Original Color

113.4980, 4.6845, -9.2067

Achromatopsia

113.0000, 0.0000, 0.0000

Achromatomaly

112.8470, 2.0474, -3.3738

CSS Examples

Text

The CSS property to change the color of the text to YUV 113.4980, 4.6845, -9.2067 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(103, 117, 123)` looks like.

```
.text, #text, p{  
    color:rgb(103, 117, 123)  
}
```

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(103, 117, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 117, 123) }
```

Border

The CSS property to change the border of an element to YUV 113.4980, 4.6845, -9.2067 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(103, 117, 123) }
```


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

```
.border{ border-color:rgb(103, 117, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 117, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 117, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 117, 123);  
box-shadow:4px 4px 4px 4px rgb(103, 117,  
123) }
```

Background

The CSS property to change the background color of an element to YUV 113.4980, 4.6845, -9.2067 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 117, 123) }
```

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

```
.background{ background-color: rgb(103,  
117, 123) }
```

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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