

Converting Colors

YUV(117.1100, -6.9562, -8.8665)

Have a look what the booklet for
YUV(117.1100, -6.9562, -8.8665)
contains.

| | |
|--|----|
| YUV(117.1100, -6.9562, -8.8665) | 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(117.1100, -6.9562,
-8.8665)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 6B7D67 |
| RGB | 107, 125, 103 |
| RGB Percent | 42%, 49%, 40% |
| CMY | 0.5804, 0.5098, 0.5961 |
| CMYK | 0.14, 0.00, 0.18, 0.51 |
| HSL | 109°, 10%, 45% |
| HSV | 109°, 18%, 49% |
| XYZ | 15.8452, 18.7723, 15.6202 |
| YIQ | 117.1100, -3.6660, -10.6580 |

Conversions

Conversions Part 2

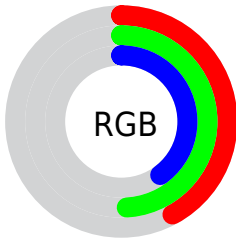
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 103, 125, 121 |
| Decimal | 7044455 |
| CIELab | 50.42, -11.11, 9.82 |
| CIELCh | 50, 14.825, 138.526 |
| Yxy | 18.7723, 0.3154, 0.3737 |
| Android (android.graphics.Color) | 4285234535 (0xFF6B7D67) |
| YUV | 117.1100, -6.9562, -8.8665 |
| Hunter-Lab | 43.3270, -10.5427, 8.9537 |

Details

The YUV color $[117.1100, -6.9562, -8.8665]$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $[110.8900, 6.9562, 8.8665]$, and the grayscale version is $[117.0000, 0.0000, 0.0000]$.

A 20% lighter version of the original color is $[169.5830, -7.6824, -9.2813]$, and $[68.6370, -6.2300, -8.4516]$ is the 20% darker color. If you saturate the color by 10%, you get $[112.6380, -11.1605, -13.7145]$, and if you desaturate by 10%, it is $[121.5820, -2.7519, -4.0184]$.

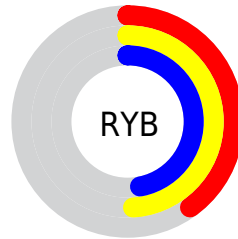
Distribution



Red (42%)

Green (49%)

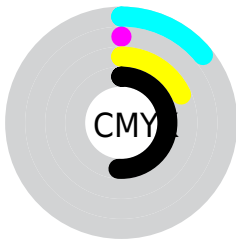
Blue (40%)



Red (40%)

Yellow (49%)

Blue (47%)

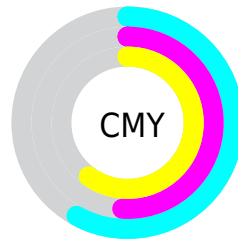


Cyan (14%)

Magenta (0%)

Yellow (18%)

Black (51%)



Cyan (58%)

Magenta (51%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 117.1100, -6.9562, -8.8665 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 117.1100, -6.9562, -8.8665 by changing the saturation by 10% instead.

■ 117.1100, -6.9562,
-8.8665

■ 117.1100, -6.9562,
-8.8665

255.0000, 0.0000,
0.0000

■ 92.5230, -6.6668,
-8.3517

■ 169.5830, -7.6824,
-9.2813

■ 68.6370, -6.2300,
-8.4516

■ 196.5830, -7.6824,
-9.2813

■ 46.0500, -5.9406,
-7.9368

■ 224.1700, -7.9718,
-9.7961

■ 25.3490, -6.0881,
-7.3221

■ 249.0610, -5.9461,
-6.1925

■ 1.7610, -0.8682,
-1.5444

■ 0.0000, 0.0000,
0.0000

■ 117.1100, -6.9562,
-8.8665

■ 117.1100, -6.9562,
-8.8665

■ 112.6380,
-11.1605, -13.7145

■ 121.5820, -2.7519,
-4.0184

■ 108.2800,
-14.9280, -18.6626

■ 125.9400, 1.0156,
0.9296

■ 103.6230,
-18.5481, -24.2254

■ 130.7110, 5.0725,
6.3925

■ 99.1510, -22.7524,
-29.0734

■ 135.0690, 8.8400,
11.3405

■ 94.7930, -26.5199,
-34.0215

■ 139.5410, 13.0443,
16.1885

■ 90.3210, -30.7243,
-38.8695

■ 143.8990, 16.8118,
21.1366

■ 85.6640, -34.3444,
-44.4323


■ 148.6700, 20.8687,
26.5994


■ 81.1920, -38.5487,

■ 153.0280, 24.6362,

-49.2804

31.5474

 80.2520, -39.5642,
-50.2100

 157.5000, 28.8405,
36.3955

Harmonies

Analogous

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



118.7370, -11.2093, 1.9847



117.1100, -6.9562, -8.8665



115.7650, -0.3771, -19.0879

Triad

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



117.1100, -6.9562, -8.8665



118.5170, 12.5631, -16.2394



121.6930, -4.2856, 21.3172

Complementary

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



117.1100, -6.9562, -8.8665



110.8900, 6.9562, 8.8665

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.



122.4520, 1.2562, 17.1436



117.1100, -6.9562, -8.8665



120.3660, 11.6516, -3.8290

Square

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



117.1100, -6.9562, -8.8665



116.0060, 10.8430, -24.5613



122.0040, 7.3930, 8.7665



121.3030, -9.5164, 19.0283

Rectangle

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



117.1100, -6.9562, -8.8665



114.8830, 4.0017, -23.5764



122.0040, 7.3930, 8.7665



122.1490, -2.5385, 20.9173

Sweetspot

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



117.1100, -6.9562, -8.8665



160.2940, -2.6099, -2.8888



120.1440, -8.4520, 4.2587



80.2340, -1.5944, -1.9592



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.



117.1100, -6.9562, -8.8665



150.7520, -10.7237, -13.8145



116.7120, -3.3090, -12.0254



61.7070, -2.3206, -2.3740



82.0130, -40.4324, -51.7544



0.0000, 0.0000, 0.0000

Inverse Universe

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



110.8900, 6.9562, 8.8665



141.2480, 10.7237, 13.8145



111.2880, 3.3090, 12.0254



59.5920, 2.1731, 2.9888



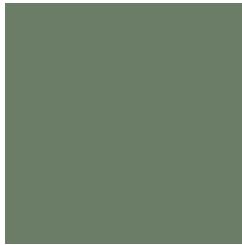
45.6880, 40.5798, 51.1396



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 117.1100, -6.9562, -8.8665 looks on a white 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

Black Background



This preview shows how the YUV color 117.1100, -6.9562, -8.8665 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

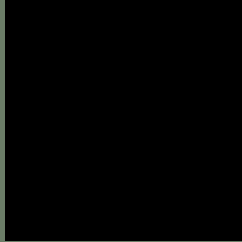
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 117.1100, -6.9562, -8.8665

Background



This preview shows how black text looks on a background with the YUV color 117.1100, -6.9562, -8.8665.



This preview shows how white text looks on a background with the YUV color 117.1100, -6.9562, -8.8665.

-8.8665.

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

117.1100, -6.9562, -8.8665

Protanopia

118.9270, -9.3310, 6.2030

Deuteranopia

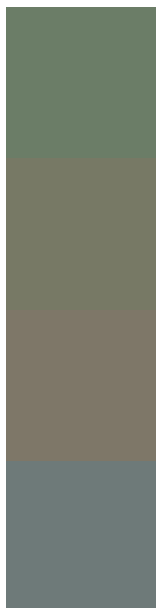
120.4380, -7.6109, 14.5249



Tritanopia

119.1500, 5.8420, -7.1476

Trichromacy



Original Color

117.1100, -6.9562, -8.8665

Protanomaly

118.1220, -8.4411, 0.7700

Deuteranomaly

119.3830, -7.5838, 5.8031

Tritanomaly

118.2980, 1.3321, -7.2773

Monochromacy



Original Color

117.1100, -6.9562, -8.8665

Achromatopsia

117.0000, 0.0000, 0.0000

Achromatomaly

116.9950, -2.4625, -3.5036

CSS Examples

Text

The CSS property to change the color of the text to YUV 117.1100, -6.9562, -8.8665 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(107, 125, 103)` looks like.

```
.text, #text, p{  
    color:rgb(107, 125, 103)  
}
```

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(107, 125, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 125, 103) }
```

Border

The CSS property to change the border of an element to YUV 117.1100, -6.9562, -8.8665 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(107, 125, 103) }
```


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

```
.border{ border-color:rgb(107, 125, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 125, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 125, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 125, 103);  
box-shadow:4px 4px 4px 4px rgb(107, 125,  
103) }
```

Background

The CSS property to change the background color of an element to YUV 117.1100, -6.9562, -8.8665 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 125, 103) }
```

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

```
.background{ background-color: rgb(107,  
125, 103) }
```

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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