

Converting Colors

YUV(117.4850, -5.6621, -3.9333)

Have a look what the booklet for
YUV(117.4850, -5.6621, -3.9333)
contains.

YUV(117.4850, -5.6621, -3.9333)	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(117.4850, -5.6621,
-3.9333)**

Conversions

Conversions Part 1

Format	Color
Hex	717A6A
RGB	113, 122, 106
RGB Percent	44%, 48%, 42%
CMY	0.5569, 0.5216, 0.5843
CMYK	0.07, 0.00, 0.13, 0.52
HSL	94°, 7%, 45%
HSV	94°, 13%, 48%
XYZ	16.3711, 18.4704, 16.3380
YIQ	117.4850, -0.2280, -6.8840

Conversions

Conversions Part 2

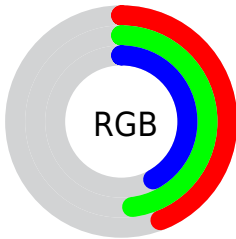
Format	Color
RYB	106, 122, 115
Decimal	7436906
CIELab	50.06, -6.55, 7.62
CIELCh	50, 10.052, 130.690
Yxy	18.4704, 0.3199, 0.3609
Android (android.graphics.Color)	4285626986 (0xFF717A6A)
YUV	117.4850, -5.6621, -3.9333
Hunter-Lab	42.9772, -7.2149, 7.5447

Details

The YUV color **117.4850, -5.6621, -3.9333** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **110.5150, 5.6621, 3.9333**, and the grayscale version is **118.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **169.3710, -6.0989, -3.8334**, and **69.0120, -4.9359, -3.5185** is the 20% darker color. If you saturate the color by 10%, you get **114.0240, -9.8718, -7.0370**, and if you desaturate by 10%, it is **120.9460, -1.4524, -0.8296**.

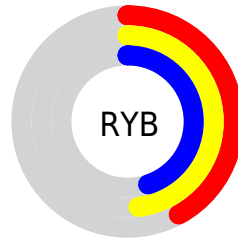
Distribution



Red (44%)

Green (48%)

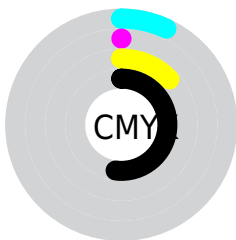
Blue (42%)



Red (42%)

Yellow (48%)

Blue (45%)

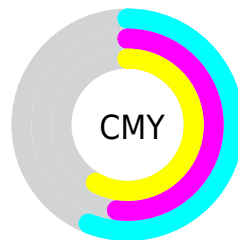


Cyan (7%)

Magenta (0%)

Yellow (13%)

Black (52%)



Cyan (56%)

Magenta (52%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YUV color 117.4850, -5.6621, -3.9333 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 117.4850, -5.6621, -3.9333 by changing the saturation by 10% instead.

■ 117.4850, -5.6621,
-3.9333

■ 117.4850, -5.6621,
-3.9333

255.0000, 0.0000,
0.0000

■ 92.5990, -5.2253,
-4.0333

■ 169.3710, -6.0989,
-3.8334

■ 69.0120, -4.9359,
-3.5185

■ 196.9580, -6.3883,
-4.3482

■ 47.0120, -4.9359,
-3.5185

■ 224.9580, -6.3883,
-4.3482

■ 26.3110, -5.0833,
-2.9037

■ 251.1970, -5.5201,
-2.8038

■ 0.0000, 0.0000,
0.0000

■ 117.4850, -5.6621,

■ 117.4850, -5.6621,

-3.9333

-3.9333

■ 114.0240, -9.8718,
-7.0370

■ 120.9460, -1.4524,
-0.8296

■ 110.5630,
-14.0816, -10.1408

■ 124.4070, 2.7573,
2.2741

■ 106.9880,
-18.7281, -13.1445

■ 127.9820, 7.4039,
5.2778

■ 103.8260,
-23.0852, -15.6334

■ 131.1440, 11.7610,
7.7667

■ 100.3650,
-27.2949, -18.7371

■ 134.6050, 15.9707,
10.8704

■ 96.9040, -31.5047,
-21.8408

■ 138.0660, 20.1805,
13.9741

■ 93.4430, -35.7144,
-24.9445

■ 141.5270, 24.3902,
17.0778

■ 89.8680, -40.3609,
-27.9482

■ 145.1020, 29.0367,
20.0815

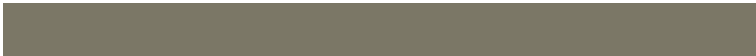
■ 87.4610, -43.1183,
-30.2223

■ 148.5630, 33.2464,
23.1852

Harmonies

Analogous

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



118.2580, -8.0152, 4.1587



117.4850, -5.6621, -3.9333



116.7660, -1.8566, -11.1958

Triad

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



117.4850, -5.6621, -3.9333



117.5130, 8.6211, -11.8509



120.5180, -2.2274, 14.4547

Complementary

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



117.4850, -5.6621, -3.9333



110.5150, 5.6621, 3.9333

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.



120.9350, 2.0040, 10.5810



117.4850, -5.6621, -3.9333



119.4430, 8.1626, -4.7735

Square

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



117.4850, -5.6621, -3.9333



116.3230, 6.7428, -16.0693



120.5150, 5.6621, 3.9333



119.8940, -5.8637, 14.1250

Rectangle

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



117.4850, -5.6621, -3.9333



116.2540, 1.3538, -14.2548



120.5150, 5.6621, 3.9333



120.5610, -0.7696, 13.5400

Sweetspot

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



117.4850, -5.6621, -3.9333



156.4190, -2.1786, -1.2445



116.0670, -4.9630, 5.2032



77.9460, -1.4524, -0.8296



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



117.4850, -5.6621, -3.9333



150.9640, -8.8563, -6.1074



115.5060, -4.1935, -8.3368



59.4190, -2.1786, -1.2445



89.8200, -44.2813, -30.5371



180.8140, -89.1413, -62.1039

Inverse Universe

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



110.5150, 5.6621, 3.9333



140.0360, 8.8563, 6.1074



112.4940, 4.1935, 8.3368



56.8800, 2.0312, 1.8592



35.1800, 44.2813, 30.5371



71.1860, 89.1413, 62.1039

Previews

White Background



This preview shows how the YUV color 117.4850, -5.6621, -3.9333 looks on a white background.

Color Contrast Check

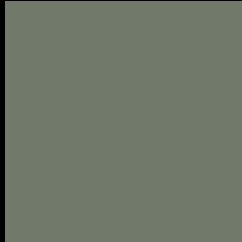
Large Text (above 18pt) WCAG AA ✓ Pass

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 117.4850, -5.6621, -3.9333 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

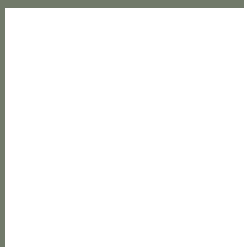
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 117.4850, -5.6621, -3.9333

Background



This preview shows how black text looks on a background with the YUV color 117.4850, -5.6621, -3.9333.



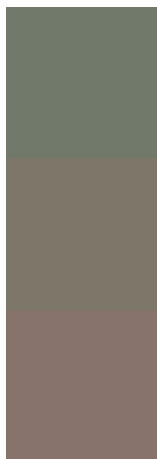
This preview shows how white text looks on a background with the YUV color 117.4850, -5.6621, -3.9333.

-3.9333.

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

117.4850, -5.6621, -3.9333

Protanopia

118.7850, -7.2890, 4.5736

Deuteranopia

120.0680, -6.4425, 13.0954



Tritanopia

119.1290, 4.3734, -2.7441

Trichromacy



Original Color

117.4850, -5.6621, -3.9333

Protanomaly

118.2900, -6.5520, 1.4997

Deuteranomaly

119.4370, -6.1314, 6.6328

Tritanomaly

118.5050, 0.7370, -3.0739

Monochromacy



Original Color

117.4850, -5.6621, -3.9333

Achromatopsia

117.0000, 0.0000, 0.0000

Achromatomaly

117.4190, -2.1786, -1.2445

CSS Examples

Text

The CSS property to change the color of the text to YUV 117.4850, -5.6621, -3.9333 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(113, 122, 106)` looks like.

```
.text, #text, p{  
    color:rgb(113, 122, 106)  
}
```

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(113, 122, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 122, 106) }
```

Border

The CSS property to change the border of an element to YUV 117.4850, -5.6621, -3.9333 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(113, 122, 106) }
```


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

```
.border{ border-color:rgb(113, 122, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 122, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 122, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 122, 106);  
box-shadow:4px 4px 4px 4px rgb(113, 122,  
106) }
```

Background

The CSS property to change the background color of an element to YUV 117.4850, -5.6621, -3.9333 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 122, 106) }
```

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

```
.background{ background-color: rgb(113,  
122, 106) }
```

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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