

Converting Colors

YUV(113.7680, -8.2666, -8.5665)

Have a look what the booklet for
YUV(113.7680, -8.2666, -8.5665)
contains.

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Color

**YUV(113.7680, -8.2666,
-8.5665)**

Conversions

Conversions Part 1

Format	Color
Hex	687A61
RGB	104, 122, 97
RGB Percent	41%, 48%, 38%
CMY	0.5922, 0.5216, 0.6196
CMYK	0.15, 0.00, 0.20, 0.52
HSL	103°, 11%, 43%
HSV	103°, 20%, 48%
XYZ	14.8261, 17.7252, 13.9491
YIQ	113.7680, -2.7030, -11.5910

Conversions

Conversions Part 2

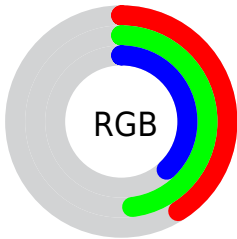
Format	Color
R_{YB}	97, 122, 115
Decimal	6847073
CIE _{Lab}	49.16, -11.71, 11.52
CIE _{LCh}	49, 16.432, 135.468
Yxy	17.7252, 0.3188, 0.3812
Android (android.graphics.Color)	4285037153 (0xFF687A61)
YUV	113.7680, -8.2666, -8.5665
Hunter-Lab	42.1013, -10.8179, 9.8267

Details

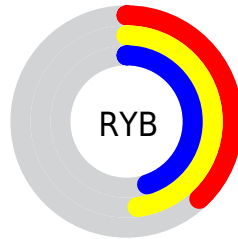
The YUV color **113.7680, -8.2666, -8.5665** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **105.2320, 8.2666, 8.5665**, and the grayscale version is **114.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **165.3550, -8.5560, -9.0813**, and **65.7080, -7.2510, -7.6369** is the 20% darker color. If you saturate the color by 10%, you get **109.7090, -12.1815, -12.8998**, and if you desaturate by 10%, it is **117.8270, -4.3517, -4.2333**.

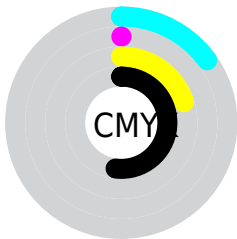
Distribution



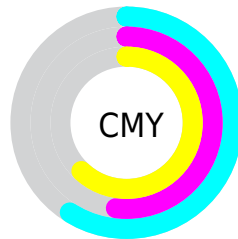
- Red (41%)
- Green (48%)
- Blue (38%)



- Red (38%)
- Yellow (48%)
- Blue (45%)



- Cyan (15%)
- Magenta (0%)
- Yellow (20%)
- Black (52%)



- Cyan (59%)
- Magenta (52%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YUV color 113.7680, -8.2666, -8.5665 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 113.7680, -8.2666, -8.5665 by changing the saturation by 10% instead.

■ 113.7680, -8.2666,
-8.5665

■ 113.7680, -8.2666,
-8.5665

255.0000, 0.0000,
0.0000

■ 89.1810, -7.9772,
-8.0517

■ 165.3550, -8.5560,
-9.0813

■ 65.7080, -7.2510,
-7.6369

■ 192.8280, -9.2822,
-9.4962

■ 43.7080, -7.2510,
-7.6369

■ 220.8280, -9.2822,
-9.4962

■ 22.6650, -8.7088,
-6.7222

■ 247.0670, -8.4140,
-7.9518

■ 0.0000, 0.0000,
0.0000

■ 113.7680, -8.2666,

■ 113.7680, -8.2666,

-8.5665

-8.5665

■ 109.7090,
-12.1815, -12.8998

■ 117.8270, -4.3517,
-4.2333

■ 105.6500,
-16.0964, -17.2330

■ 121.8860, -0.4368,
0.1000

■ 101.7760,
-20.5956, -20.8516

■ 125.7600, 4.0623,
3.7185

■ 97.7170, -24.5105,
-25.1848

■ 129.8190, 7.9772,
8.0517

■ 93.6580, -28.4254,
-29.5181

■ 133.8780, 11.8921,
12.3850

■ 89.5990, -32.3403,
-33.8513

■ 137.9370, 15.8071,
16.7183

■ 85.8390, -36.4026,
-37.5698

■ 141.6970, 19.8694,
20.4367

■ 81.7800, -40.3175,
-41.9031

■ 145.8700, 24.2211,
24.6700

■ 149.9290, 28.1360,
29.0033

Harmonies

Analogous

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



115.4060, -12.5252, 4.0289



113.7680, -8.2666, -8.5665



111.8250, -1.3927, -20.0175

Triad

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



113.7680, -8.2666, -8.5665



114.2500, 14.1738, -19.5132



119.0030, -4.4385, 23.6764

Complementary

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



113.7680, -8.2666, -8.5665



105.2320, 8.2666, 8.5665

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.



119.6910, 2.1243, 18.6880



113.7680, -8.2666, -8.5665



117.2840, 12.6780, -6.3881

Square

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



113.7680, -8.2666, -8.5665



111.6250, 12.0169, -27.7351



118.9330, 8.4140, 7.9518



117.9120, -9.8166, 22.0022

Rectangle

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



113.7680, -8.2666, -8.5665



111.1600, 3.8651, -26.4503



118.9330, 8.4140, 7.9518



119.2740, -2.1071, 22.5617

Sweetspot

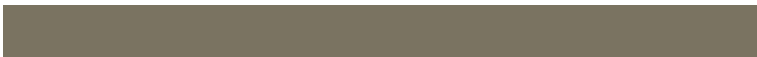
The Sweet Spot groups the original color and five complimentary colors.



113.7680, -8.2666, -8.5665



154.8810, -2.8993, -3.4036



115.0410, -8.8942, 6.1030



77.2340, -1.5944, -1.9592



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.



113.7680, -8.2666, -8.5665



145.1820, -12.9077, -13.3146



112.2450, -5.0508, -13.3699



59.1200, -2.0312, -1.8592



83.8400, -41.3331, -42.8327



169.1530, -83.3924, -86.0802

Inverse Universe

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



105.2320, 8.2666, 8.5665



131.8180, 12.9077, 13.3146



106.7550, 5.0508, 13.3699



56.8800, 2.0312, 1.8592



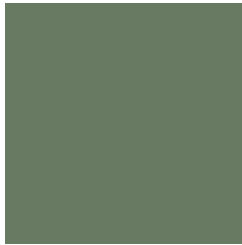
41.1600, 41.3331, 42.8327



83.1460, 83.2450, 86.6950

Previews

White Background



This preview shows how the YUV color 113.7680, -8.2666, -8.5665 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 113.7680, -8.2666, -8.5665 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

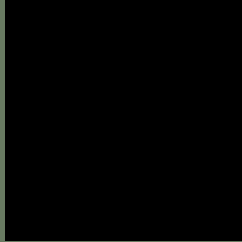
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

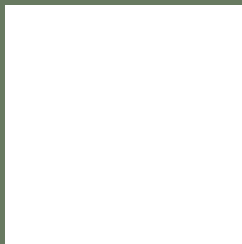
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 113.7680, -8.2666, -8.5665

Background



This preview shows how black text looks on a background with the YUV color 113.7680, -8.2666, -8.5665.



This preview shows how white text looks on a background with the YUV color 113.7680, -8.2666,

-8.5665.

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

113.7680, -8.2666, -8.5665

Protanopia

115.8840, -10.7888, 7.1177

Deuteranopia

117.0960, -8.9213, 14.8248



Tritanopia

116.3350, 5.2578, -6.4328

Trichromacy



Original Color

113.7680, -8.2666, -8.5665

Protanomaly

115.0790, -9.8989, 1.6847

Deuteranomaly

116.0410, -8.8942, 6.1030

Tritanomaly

115.0700, 0.4585, -7.0774

Monochromacy



Original Color

113.7680, -8.2666, -8.5665

Achromatopsia

114.0000, 0.0000, 0.0000

Achromatomaly

113.8810, -2.8993, -3.4036

CSS Examples

Text

The CSS property to change the color of the text to YUV 113.7680, -8.2666, -8.5665 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(104, 122, 97)` looks like.

```
.text, #text, p{  
    color:rgb(104, 122, 97)  
}
```

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(104, 122, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 122, 97) }
```

Border

The CSS property to change the border of an element to YUV 113.7680, -8.2666, -8.5665 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(104, 122, 97) }
```


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

```
.border{ border-color:rgb(104, 122, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 122, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 122, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 122, 97);  
box-shadow:4px 4px 4px 4px rgb(104, 122,  
97) }
```

Background

The CSS property to change the background color of an element to YUV 113.7680, -8.2666, -8.5665 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 122, 97) }
```

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

```
.background{ background-color: rgb(104,  
122, 97) }
```

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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