

Converting Colors

YUV(113.7400, -5.7878,
-10.2960)

Have a look what the booklet for
YUV(113.7400, -5.7878, -10.2960)
contains.

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Color

**YUV(113.7400, -5.7878,
-10.2960)**

Conversions

Conversions Part 1

Format	Color
Hex	667A66
RGB	102, 122, 102
RGB Percent	40%, 48%, 40%
CMY	0.6000, 0.5216, 0.6000
CMYK	0.16, 0.00, 0.16, 0.52
HSL	120°, 9%, 44%
HSV	120°, 16%, 48%
XYZ	14.8373, 17.7032, 15.2054
YIQ	113.7400, -5.5000, -10.4600

Conversions

Conversions Part 2

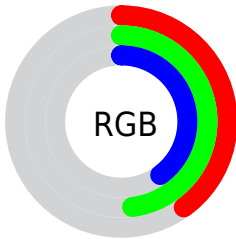
Format	Color
R _Y B	102, 122, 122
Decimal	6716006
CIE Lab	49.13, -11.53, 8.54
CIE LCh	49, 14.346, 143.481
Yxy	17.7032, 0.3108, 0.3708
Android (android.graphics.Color)	4284906086 (0xFF667A66)
YUV	113.7400, -5.7878, -10.2960
Hunter-Lab	42.0751, -10.6855, 8.0259

Details

The YUV color $113.7400, -5.7878, -10.2960$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $110.2600, 5.7878, 10.2960$, and the grayscale version is $114.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $165.3270, -6.0772, -10.8108$, and $65.5660, -5.2090, -9.2664$ is the 20% darker color. If you saturate the color by 10%, you get $108.7840, -9.2605, -16.4736$, and if you desaturate by 10%, it is $118.6960, -2.3151, -4.1184$.

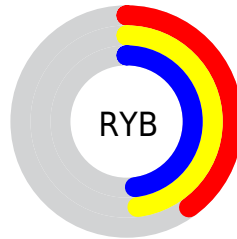
Distribution



 Red (40%)

 Green (48%)

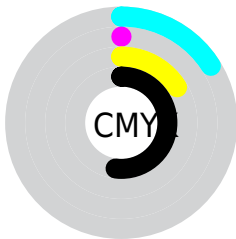
 Blue (40%)




 Red (40%)

 Yellow (48%)

 Blue (48%)

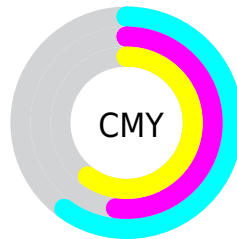


 Cyan (16%)

 Magenta (0%)

 Yellow (16%)

 Black (52%)



 Cyan (60%)

 Magenta (52%)

 Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 113.7400, -5.7878, -10.2960 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 113.7400, -5.7878, -10.2960 by changing the saturation by 10% instead.

■ 113.7400, -5.7878,
-10.2960

■ 113.7400, -5.7878,
-10.2960

255.0000, 0.0000,
0.0000

■ 89.1530, -5.4984,
-9.7812

■ 165.3270, -6.0772,
-10.8108

■ 65.5660, -5.2090,
-9.2664

■ 192.9140, -6.3666,
-11.3256

■ 43.6800, -4.7722,
-9.3664

■ 220.8000, -6.8034,
-11.2256

■ 22.8650, -5.3564,
-8.6516

■ 247.1530, -5.4984,
-9.7812

■ 0.0000, 0.0000,
0.0000

■ 113.7400, -5.7878,

■ 113.7400, -5.7878,

-10.2960

■ 108.7840, -9.2605,
-16.4736

■ 103.8280,
-12.7332, -22.6512

■ 98.4590, -16.4953,
-29.3435

■ 93.5030, -19.9680,
-35.5211

■ 88.5470, -23.4407,
-41.6987

■ 83.5910, -26.9134,
-47.8763

■ 78.6350, -30.3861,
-54.0539

■ 73.2660, -34.1481,
-60.7463

-10.2960

■ 118.6960, -2.3151,
-4.1184

■ 123.6520, 1.1576,
2.0592

■ 129.0210, 4.9196,
8.7516

■ 133.9770, 8.3923,
14.9292

■ 138.9330, 11.8650,
21.1068

■ 143.8890, 15.3377,
27.2843

■ 148.8450, 18.8104,
33.4619

■ 154.2140, 22.5725,
40.1543

■ 71.6140, -35.3057,
-62.8055

■ 159.1700, 26.0452,
46.3319

Harmonies

Analogous

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



115.2530, -10.4777, 0.6551



113.7400, -5.7878, -10.2960



112.6940, 0.6439, -19.9026

Triad

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



113.7400, -5.7878, -10.2960



115.8270, 12.4103, -13.8803



118.7530, -5.3012, 20.3876

Complementary

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



113.7400, -5.7878, -10.2960



110.2600, 5.7878, 10.2960

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.



118.6370, 0.6720, 17.8584



113.7400, -5.7878, -10.2960



118.0350, 10.3357, -1.7847

Square

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



113.7400, -5.7878, -10.2960



113.1310, 11.2744, -22.9169



118.9610, 5.9352, 9.6812



117.5910, -9.6584, 17.8987

Rectangle

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



113.7400, -5.7878, -10.2960



112.1110, 4.8753, -23.7763



118.9610, 5.9352, 9.6812



118.6220, -3.2646, 20.5025

Sweetspot

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



113.7400, -5.7878, -10.2960



154.6960, -2.3151, -4.1184



119.7200, -8.7360, 1.9996



76.9350, -1.4470, -2.5740



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.



113.7400, -5.7878, -10.2960



144.7840, -9.2605, -16.4736



114.8800, -1.4198, -11.2958



58.5220, -1.7363, -3.0888



73.3750, -36.1739, -64.3499



147.9240, -72.9265, -129.7293

Inverse Universe

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



110.2600, 5.7878, 10.2960



139.2160, 9.2605, 16.4736



109.1200, 1.4198, 11.2958



57.4780, 1.7363, 3.0888



51.6250, 36.1739, 64.3499



104.0760, 72.9265, 129.7293

Previews

White Background



This preview shows how the YUV color 113.7400, -5.7878, -10.2960 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 113.7400, -5.7878, -10.2960 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 113.7400, -5.7878, -10.2960

Background



This preview shows how black text looks on a background with the YUV color 113.7400, -5.7878, -10.2960.



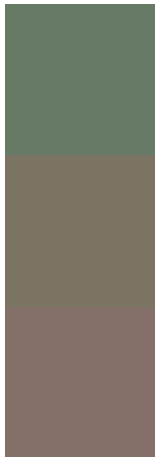
This preview shows how white text looks on a background with the YUV color 113.7400, -5.7878, -10.2960.

-10.2960.

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

113.7400, -5.7878, -10.2960

Protanopia

116.1550, -8.4574, 6.0031

Deuteranopia

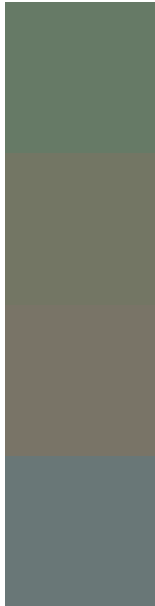
117.0680, -6.4425, 13.0954



Tritanopia

115.5520, 6.1369, -8.3771

Trichromacy



Original Color

113.7400, -5.7878, -10.2960

Protanomaly

115.0510, -7.4201, -0.0447

Deuteranomaly

116.0130, -6.4154, 4.3736

Tritanomaly

114.8140, 2.0637, -8.6069

Monochromacy



Original Color

113.7400, -5.7878, -10.2960

Achromatopsia

114.0000, 0.0000, 0.0000

Achromatomaly

114.1090, -2.0257, -3.6036

CSS Examples

Text

The CSS property to change the color of the text to YUV 113.7400, -5.7878, -10.2960 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(102, 122, 102)` looks like.

```
.text, #text, p{  
    color:rgb(102, 122, 102)  
}
```

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(102, 122, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 122, 102) }
```

Border

The CSS property to change the border of an element to YUV 113.7400, -5.7878, -10.2960 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(102, 122, 102) }
```


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

```
.border{ border-color:rgb(102, 122, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 122, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 122, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 122, 102);  
box-shadow:4px 4px 4px 4px rgb(102, 122,  
102) }
```

Background

The CSS property to change the background color of an element to YUV 113.7400, -5.7878, -10.2960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 122, 102) }
```

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

```
.background{ background-color: rgb(102,  
122, 102) }
```

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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