

Converting Colors

YUV(119.6020, -13.1148,
6.4880)

Have a look what the booklet for
YUV(119.6020, -13.1148, 6.4880)
contains.

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Color

**YUV(119.6020, -13.1148,
6.4880)**

Conversions

Conversions Part 1

Format	Color
Hex	7F795D
RGB	127, 121, 93
RGB Percent	50%, 47%, 36%
CMY	0.5020, 0.5255, 0.6353
CMYK	0.00, 0.05, 0.27, 0.50
HSL	49°, 15%, 43%
HSV	49°, 27%, 50%
XYZ	17.5656, 18.9771, 13.0931
YIQ	119.6020, 12.5640, -7.4360

Conversions

Conversions Part 2

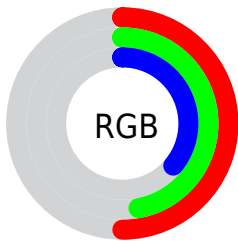
Format	Color
RYB	100, 127, 93
Decimal	8354141
CIELab	50.66, -2.53, 16.22
CIElCh	51, 16.411, 98.855
Yxy	18.9771, 0.3539, 0.3823
Android (android.graphics.Color)	4286544221 (0xFF7F795D)
YUV	119.6020, -13.1148, 6.4880
Hunter-Lab	43.5627, -4.2591, 12.6739

Details

The YUV color **119.6020, -13.1148, 6.4880** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **100.3980, 13.1148, -6.4880**, and the grayscale version is **120.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **171.6730, -14.1358, 7.3028**, and **71.2320, -11.9464, 5.0585** is the 20% darker color. If you saturate the color by 10%, you get **116.9460, -18.2144, 8.8174**, and if you desaturate by 10%, it is **122.2580, -8.0152, 4.1587**.

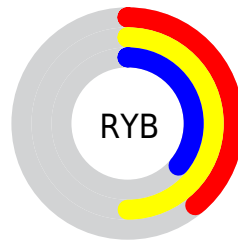
Distribution



Red (50%)

Green (47%)

Blue (36%)



Red (39%)

Yellow (50%)

Blue (36%)

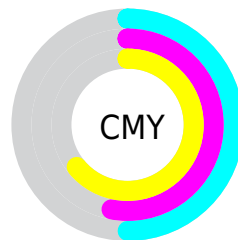


Cyan (0%)

Magenta (5%)

Yellow (27%)

Black (50%)



Cyan (50%)

Magenta (53%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YUV color 119.6020, -13.1148, 6.4880 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 119.6020, -13.1148, 6.4880 by changing the saturation by 10% instead.

■ 119.6020,
-13.1148, 6.4880

■ 119.6020,
-13.1148, 6.4880

■ 255.0000, 0.0000,
0.0000

■ 94.7160, -12.6780,
6.3881

■ 171.6730,
-14.1358, 7.3028

■ 71.2320, -11.9464,
5.0585

■ 199.5590,
-14.5726, 7.4028

■ 48.4600, -11.0728,
4.8586

■ 227.4450,
-15.0094, 7.5027

■ 26.8900, -13.2568,
5.3585

■ 251.5800,
-13.1039, 2.9993

■ 2.3480, -1.1576,
-2.0592

■ 254.8860, -0.4368,
0.1000

■ 0.0000, 0.0000,
0.0000

■ 119.6020,
-13.1148, 6.4880

■ 119.6020,
-13.1148, 6.4880

■ 116.9460,
-18.2144, 8.8174

■ 122.2580, -8.0152,
4.1587

■ 114.4040,
-22.8772, 11.0467

■ 124.8000, -3.3524,
1.9294

■ 111.1610,
-27.6874, 13.8908

■ 128.0430, 1.4578,
-0.9147

■ 108.5050,
-32.7870, 16.2201

■ 130.6990, 6.5574,
-3.2440

■ 105.9630,
-37.4498, 18.4494

■ 133.3550, 11.6570,
-5.5733

■ 103.3070,
-42.5494, 20.7788

■ 135.8970, 16.3198,
-7.8027

■ 100.0640,
-47.3596, 23.6229

■ 139.1400, 21.1300,
-10.6468

■ 99.6080, -49.1067,

■ 141.7960, 26.2296,

24.0228

-12.9761

■ 144.3380, 30.8924,
-15.2054

Harmonies

Analogous

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



120.7820, -12.7105, 16.8542



119.6020, -13.1148, 6.4880



117.8500, -9.2930, -6.0074

Triad

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



119.6020, -13.1148, 6.4880



115.3860, 11.1487, -29.2795



123.1360, 3.8770, 16.5437

Complementary

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



119.6020, -13.1148, 6.4880



100.3980, 13.1148, -6.4880

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.



122.5520, 9.5879, 4.7779



119.6020, -13.1148, 6.4880



117.5270, 14.0372, -22.3872

Square

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



119.6020, -13.1148, 6.4880



114.9750, 4.4493, -27.1651



120.2020, 13.7044, -8.9472



123.0460, -2.9807, 22.7617

Rectangle

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



119.6020, -13.1148, 6.4880



116.8320, -5.3402, -13.8847



120.2020, 13.7044, -8.9472



122.9830, 5.9244, 13.1699

Sweetspot

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



119.6020, -13.1148, 6.4880



162.6430, -5.2470, 2.9441



103.8500, -2.3910, 20.3026



82.5010, -3.2050, 1.3146



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

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



119.6020, -13.1148, 6.4880



154.0880, -20.2564, 10.4468



119.8350, -13.2297, -3.3633



62.6150, -2.7682, 1.2146



99.9070, -49.2542, 24.6376



0.0000, 0.0000, 0.0000

Inverse Universe

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



100.3980, 13.1148, -6.4880



124.3250, 20.5458, -9.9320



100.1650, 13.2297, 3.3633



58.9720, 2.4788, -1.7294



28.0930, 49.2542, -24.6376



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 119.6020, -13.1148, 6.4880 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 119.6020, -13.1148, 6.4880 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

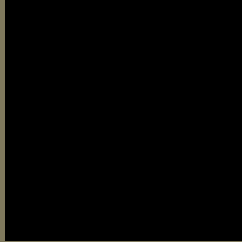
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 119.6020, -13.1148, 6.4880

Background



This preview shows how black text looks on a background with the YUV color 119.6020, -13.1148, 6.4880.

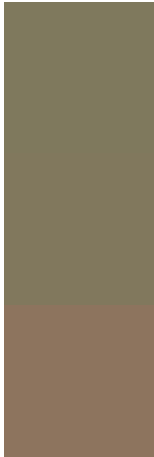


This preview shows how white text looks on a background with the YUV color 119.6020, -13.1148, 6.4880.

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

119.6020, -13.1148, 6.4880

Protanopia

119.6130, -13.1202, 8.2324

Deuteranopia

120.9670, -13.2947, 17.5689



Tritanopia

122.2120, 1.8675, 7.7071

Trichromacy



Original Color

119.6020, -13.1148, 6.4880

Protanomaly

119.3140, -12.9728, 7.6176

Deuteranomaly

120.6460, -13.1365, 13.4655

Tritanomaly

121.1320, -3.5161, 7.7772

Monochromacy



Original Color

119.6020, -13.1148, 6.4880

Achromatopsia

120.0000, 0.0000, 0.0000

Achromatomaly

119.7570, -4.8102, 2.8441

CSS Examples

Text

The CSS property to change the color of the text to YUV 119.6020, -13.1148, 6.4880 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(127, 121, 93)` looks like.

```
.text, #text, p{  
    color:rgb(127, 121, 93)  
}
```

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(127, 121, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 121, 93) }
```

Border

The CSS property to change the border of an element to YUV 119.6020, -13.1148, 6.4880 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(127, 121, 93) }
```


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

```
.border{ border-color:rgb(127, 121, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 121, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 121, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 121, 93);  
box-shadow:4px 4px 4px 4px rgb(127, 121,  
93) }
```

Background

The CSS property to change the background color of an element to YUV 119.6020, -13.1148, 6.4880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 121, 93) }
```

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

```
.background{ background-color: rgb(127,  
121, 93) }
```

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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