

Converting Colors

YUV(117.8020, -6.3114,
17.7136)

Have a look what the booklet for
YUV(117.8020, -6.3114, 17.7136)
contains.

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Color

**YUV(117.8020, -6.3114,
17.7136)**

Conversions

Conversions Part 1

Format	Color
Hex	8A6E69
RGB	138, 110, 105
RGB Percent	54%, 43%, 41%
CMY	0.4588, 0.5686, 0.5882
CMYK	0.00, 0.20, 0.24, 0.46
HSL	9°, 14%, 48%
HSV	9°, 24%, 54%
XYZ	18.6070, 17.5751, 15.7762
YIQ	117.8020, 18.2930, 4.3810

Conversions

Conversions Part 2

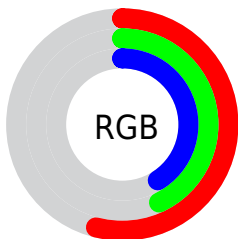
Format	Color
R_{YB}	138, 111, 105
Decimal	9072233
CIE _{Lab}	48.98, 10.25, 6.98
CIE _{LCh}	49, 12.404, 34.260
Yxy	17.5751, 0.3581, 0.3383
Android (android.graphics.Color)	4287262313 (0xFF8A6E69)
YUV	117.8020, -6.3114, 17.7136
Hunter-Lab	41.9226, 5.8610, 7.0339

Details

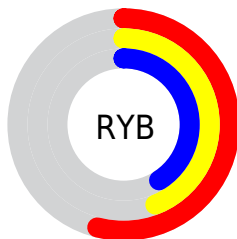
The YUV color **117.8020, -6.3114, 17.7136** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **125.1980, 6.3114, -17.7136**, and the grayscale version is **118.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **170.2860, -7.0430, 19.0432**, and **69.0190, -5.4324, 15.7693** is the 20% darker color. If you saturate the color by 10%, you get **109.1620, -8.9539, 25.2909**, and if you desaturate by 10%, it is **126.4420, -3.6689, 10.1364**.

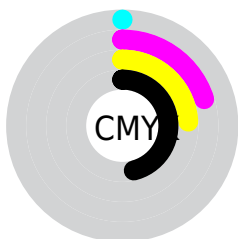
Distribution



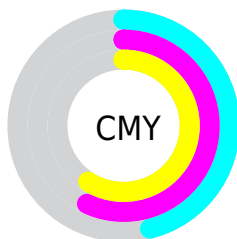
- Red (54%)
- Green (43%)
- Blue (41%)



- Red (54%)
- Yellow (44%)
- Blue (41%)



- Cyan (0%)
- Magenta (20%)
- Yellow (24%)
- Black (46%)



- Cyan (46%)
- Magenta (57%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the YUV color 117.8020, -6.3114, 17.7136 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 117.8020, -6.3114, 17.7136 by changing the saturation by 10% instead.

■ 117.8020, -6.3114,
17.7136

■ 117.8020, -6.3114,
17.7136

■ 255.0000, 0.0000,
0.0000

■ 93.2040, -6.0166,
16.4841

■ 170.2860, -7.0430,
19.0432

■ 69.0190, -5.4324,
15.7693

■ 197.5850, -7.1904,
19.6580

■ 46.4210, -5.1376,
14.5398

■ 225.2970, -7.0484,
20.7875

■ 25.7090, -5.2795,
13.4102

■ 247.3060, -4.0949,
6.7476

■ 4.4850, -2.2111,
9.2217

■ 0.0000, 0.0000,
0.0000

■ 117.8020, -6.3114,
17.7136

■ 117.8020, -6.3114,
17.7136

■ 109.1620, -8.9539,
25.2909

■ 126.4420, -3.6689,
10.1364

■ 101.1090,
-11.8857, 32.3534

■ 134.4950, -0.7370,
3.0739

■ 92.5830, -14.0914,
39.8307

■ 143.0210, 1.4686,
-4.4034

■ 83.9430, -16.7339,
47.4080

■ 151.6610, 4.1111,
-11.9807

■ 75.3030, -19.3764,
54.9853

■ 160.3010, 6.7536,
-19.5580

■ 67.2500, -22.3082,
62.0478

■ 168.3540, 9.6855,
-26.6205

■ 58.6100, -24.9507,
69.6250

■ 176.9940, 12.3280,
-34.1977

■ 53.5890, -26.4194,

■ 185.5200, 14.5336,

74.0284

-41.6750

■ 193.5730, 17.4655,
-48.7375

Harmonies

Analogous

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



118.3550, -1.6540, 17.2287



117.8020, -6.3114, 17.7136



117.2700, -9.5001, 13.7952

Triad

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



117.8020, -6.3114, 17.7136



113.7120, -3.3090, -12.0254



116.2900, 10.2100, -8.1473

Complementary

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



117.8020, -6.3114, 17.7136



125.1980, 6.3114, -17.7136

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.



114.2350, 10.2371, -16.8691



117.8020, -6.3114, 17.7136



112.8620, 2.5330, -19.1730

Square

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



117.8020, -6.3114, 17.7136



114.3280, -7.5567, -2.9187



112.8170, 7.4852, -20.8875



117.4870, 8.1409, 2.2039

Rectangle

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



117.8020, -6.3114, 17.7136



116.4220, -10.0680, 9.2769



112.8170, 7.4852, -20.8875



115.3820, 10.6577, -11.7360

Sweetspot

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



117.8020, -6.3114, 17.7136



171.0610, -2.4951, 6.9625



118.0590, 7.3659, 17.4883



84.6800, -1.3212, 3.7886



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



117.8020, -6.3114, 17.7136



147.2440, -9.9803, 27.8500



127.1940, -10.9416, 9.4769



64.6800, -1.3212, 3.7886



51.5070, -25.3930, 71.4694



2.0820, -1.0264, 2.5591

Inverse Universe

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



125.1980, 6.3114, -17.7136



158.7560, 9.9803, -27.8500



115.8060, 10.9416, -9.4769



66.3200, 1.3212, -3.7886



81.4930, 25.3930, -71.4694



2.9180, 1.0264, -2.5591

Previews

White Background



This preview shows how the YUV color 117.8020, -6.3114, 17.7136 looks on a white background.

Color Contrast Check

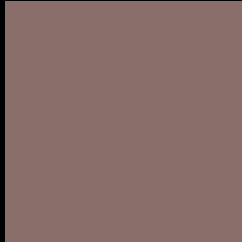
Large Text (above 18pt) WCAG AA ✓ Pass

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 117.8020, -6.3114, 17.7136 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

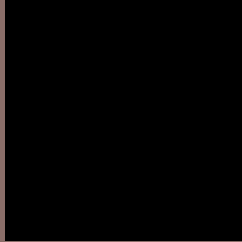
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 117.8020, -6.3114, 17.7136

Background



This preview shows how black text looks on a background with the YUV color 117.8020, -6.3114, 17.7136.

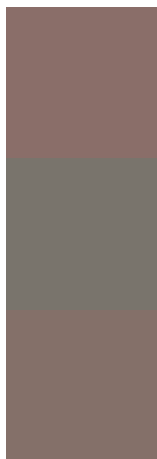


This preview shows how white text looks on a background with the YUV color 117.8020, -6.3114,

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

117.8020, -6.3114, 17.7136

Protanopia

116.5830, -4.2314, 3.8737

Deuteranopia

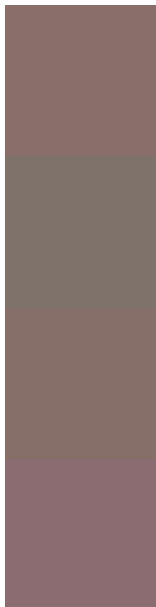
117.1820, -6.0057, 12.9954



Tritanopia

118.2950, -0.6384, 18.1583

Trichromacy



Original Color

117.8020, -6.3114, 17.7136

Protanomaly

117.0890, -4.9739, 8.6919

Deuteranomaly

117.1930, -6.0111, 14.7397

Tritanomaly

118.4260, -2.6750, 18.0434

Monochromacy



Original Color

117.8020, -6.3114, 17.7136

Achromatopsia

118.0000, 0.0000, 0.0000

Achromatomaly

117.7620, -2.3477, 6.3477

CSS Examples

Text

The CSS property to change the color of the text to YUV 117.8020, -6.3114, 17.7136 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(138, 110, 105)` looks like.

```
.text, #text, p{  
    color:rgb(138, 110, 105)  
}
```

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(138, 110, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 110, 105) }
```

Border

The CSS property to change the border of an element to YUV 117.8020, -6.3114, 17.7136 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(138, 110, 105) }
```


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

```
.border{ border-color:rgb(138, 110, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 110, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 110, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 110, 105);  
box-shadow:4px 4px 4px 4px rgb(138, 110,  
105) }
```

Background

The CSS property to change the background color of an element to YUV 117.8020, -6.3114, 17.7136 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 110, 105) }
```

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

```
.background{ background-color: rgb(138,  
110, 105) }
```

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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