

Converting Colors

YUV(117.0520, -8.8996, 7.8474)

Have a look what the booklet for
YUV(117.0520, -8.8996, 7.8474)
contains.

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Color

**YUV(117.0520, -8.8996,
7.8474)**

Conversions

Conversions Part 1

Format	Color
Hex	7E7463
RGB	126, 116, 99
RGB Percent	49%, 45%, 39%
CMY	0.5059, 0.5451, 0.6118
CMYK	0.00, 0.08, 0.21, 0.51
HSL	38°, 12%, 44%
HSV	38°, 21%, 49%
XYZ	17.1017, 17.8273, 14.3440
YIQ	117.0520, 11.4170, -3.1670

Conversions

Conversions Part 2

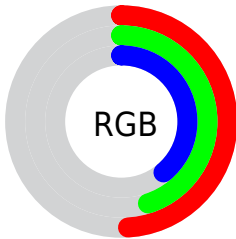
Format	Color
R_{YB}	115, 126, 99
Decimal	8287331
CIE _{Lab}	49.29, 0.87, 10.80
CIE _{LCh}	49, 10.831, 85.399
Yxy	17.8273, 0.3471, 0.3618
Android (android.graphics.Color)	4286477411 (0xFF7E7463)
YUV	117.0520, -8.8996, 7.8474
Hunter-Lab	42.2223, -1.5896, 9.4133

Details

The YUV color **117.0520, -8.8996, 7.8474** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **107.9480, 8.8996, -7.8474**, and the grayscale version is **117.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **169.2370, -9.4838, 8.5622**, and **68.8670, -8.3154, 7.1326** is the 20% darker color. If you saturate the color by 10%, you get **112.6350, -13.1311, 11.7211**, and if you desaturate by 10%, it is **121.4690, -4.6682, 3.9737**.

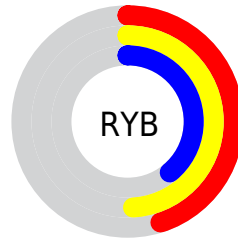
Distribution



Red (49%)

Green (45%)

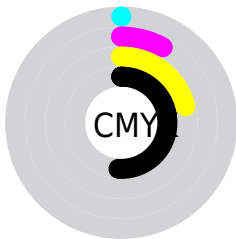
Blue (39%)



Red (45%)

Yellow (49%)

Blue (39%)

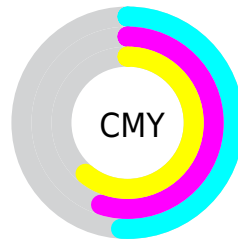


Cyan (0%)

Magenta (8%)

Yellow (21%)

Black (51%)



Cyan (51%)

Magenta (55%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the YUV color 117.0520, -8.8996, 7.8474 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 117.0520, -8.8996, 7.8474 by changing the saturation by 10% instead.

■ 117.0520, -8.8996,
7.8474

■ 117.0520, -8.8996,
7.8474

255.0000, 0.0000,
0.0000

■ 92.1660, -8.4628,
7.7474

■ 169.2370, -9.4838,
8.5622

■ 68.8670, -8.3154,
7.1326

■ 196.4220,
-10.0680, 9.2769

■ 46.6820, -7.7312,
6.4179

■ 224.4220,
-10.0680, 9.2769

■ 25.4540, -8.6048,
6.6178

■ 250.6170, -9.1782,
3.8439

■ 0.0000, 0.0000,
0.0000

■ 117.0520, -8.8996,

■ 117.0520, -8.8996,

7.8474

7.8474

■ 112.6350,
-13.1311, 11.7211

■ 121.4690, -4.6682,
3.9737

■ 108.9190,
-17.2151, 14.9800

■ 125.1850, -0.5842,
0.7148

■ 104.5020,
-21.4465, 18.8537

■ 129.6020, 3.6472,
-3.1590

■ 100.1990,
-25.2411, 22.6275

■ 133.9050, 7.4418,
-6.9327

■ 96.3690, -29.7619,
25.9864

■ 137.7350, 11.9626,
-10.2916

■ 91.9520, -33.9933,
29.8601

■ 142.1520, 16.1941,
-14.1653

■ 87.6490, -37.7880,
33.6338

■ 146.4550, 19.9887,
-17.9390

■ 84.0470, -41.4352,
36.7928

■ 150.2850, 24.5095,
-21.2979

■ 154.5880, 28.3041,
-25.0717

Harmonies

Analogous

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



117.7260, -7.7529, 13.3953



117.0520, -8.8996, 7.8474



116.0510, -7.4201, -0.0447

Triad

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



117.0520, -8.8996, 7.8474



113.6710, 5.5852, -18.1285



118.6080, 4.6303, 8.2368

Complementary

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



117.0520, -8.8996, 7.8474



107.9480, 8.8996, -7.8474

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.



117.7640, 8.0043, -0.6700



117.0520, -8.8996, 7.8474



114.7790, 8.4900, -16.4692

Square

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



117.0520, -8.8996, 7.8474



113.7270, 0.6276, -14.6696



116.0510, 9.3419, -9.6917



119.0880, -0.0434, 13.9548

Rectangle

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



117.0520, -8.8996, 7.8474



115.4740, -5.6567, -5.6777



116.0510, 9.3419, -9.6917



118.5260, 5.6567, 5.6777

Sweetspot

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



117.0520, -8.8996, 7.8474



160.0990, -3.4998, 2.5442



108.2130, 0.3880, 15.5992



79.5550, -1.7526, 2.1443



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000

Same Dimension

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



117.0520, -8.8996, 7.8474



148.8200, -13.7153, 12.4359



122.0250, -11.3513, 0.8551



61.4410, -2.1894, 2.2442



85.2320, -42.0194, 37.5075



0.0000, 0.0000, 0.0000

Inverse Universe

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



107.9480, 8.8996, -7.8474



134.5930, 14.0047, -11.9211



102.9750, 11.3513, -0.8551



59.5590, 2.1894, -2.2442



42.1810, 42.3088, -36.9927



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 117.0520, -8.8996, 7.8474 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 117.0520, -8.8996, 7.8474 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

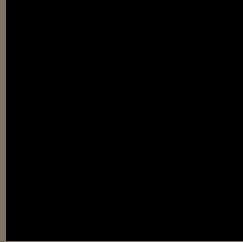
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 117.0520, -8.8996, 7.8474

Background



This preview shows how black text looks on a background with the YUV color 117.0520, -8.8996, 7.8474.



This preview shows how white text looks on a background with the YUV color 117.0520, -8.8996,

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

117.0520, -8.8996, 7.8474

Protanopia

116.7420, -8.7468, 5.4883

Deuteranopia

118.0960, -8.9213, 14.8248



Tritanopia

118.8100, 1.5727, 8.9366

Trichromacy



Original Color

117.0520, -8.8996, 7.8474

Protanomaly

117.0410, -8.8942, 6.1030

Deuteranomaly

117.7860, -8.7685, 12.4657

Tritanomaly

118.1860, -2.0637, 8.6069

Monochromacy



Original Color

117.0520, -8.8996, 7.8474

Achromatopsia

117.0000, 0.0000, 0.0000

Achromatomaly

117.0990, -3.4998, 2.5442

CSS Examples

Text

The CSS property to change the color of the text to YUV 117.0520, -8.8996, 7.8474 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(126, 116, 99)` looks like.

```
.text, #text, p{  
    color:rgb(126, 116, 99)  
}
```

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(126, 116, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 116, 99) }
```

Border

The CSS property to change the border of an element to YUV 117.0520, -8.8996, 7.8474 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(126, 116, 99) }
```


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

```
.border{ border-color:rgb(126, 116, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 116, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 116, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 116, 99);  
box-shadow:4px 4px 4px 4px rgb(126, 116,  
99) }
```

Background

The CSS property to change the background color of an element to YUV 117.0520, -8.8996, 7.8474 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 116, 99) }
```

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

```
.background{ background-color: rgb(126,  
116, 99) }
```

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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