

Converting Colors

YUV(117.1920, -4.5317, 6.8476)

Have a look what the booklet for
YUV(117.1920, -4.5317, 6.8476)
contains.

YUV(117.1920, -4.5317, 6.8476)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(117.1920, -4.5317,
6.8476)**

Conversions

Conversions Part 1

Format	Color
Hex	7D736C
RGB	125, 115, 108
RGB Percent	49%, 45%, 42%
CMY	0.5098, 0.5490, 0.5765
CMYK	0.00, 0.08, 0.14, 0.51
HSL	25°, 7%, 46%
HSV	25°, 14%, 49%
XYZ	17.2950, 17.7042, 16.6931
YIQ	117.1920, 8.2070, -0.0570

Conversions

Conversions Part 2

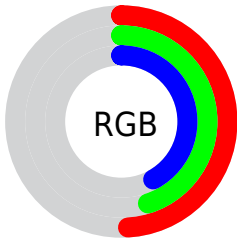
Format	Color
R_{YB}	125, 120, 108
Decimal	8221548
CIE _{Lab}	49.14, 2.58, 5.26
CIE _{LCh}	49, 5.857, 63.896
Yxy	17.7042, 0.3346, 0.3425
Android (android.graphics.Color)	4286411628 (0xFF7D736C)
YUV	117.1920, -4.5317, 6.8476
Hunter-Lab	42.0763, -0.2633, 5.9311

Details

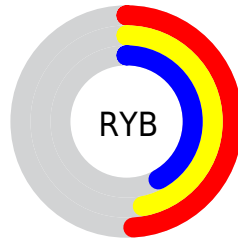
The YUV color **117.1920, -4.5317, 6.8476** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **115.8080, 4.5317, -6.8476**, and the grayscale version is **117.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **169.3770, -5.1159, 7.5624**, and **69.0070, -3.9475, 6.1329** is the 20% darker color. If you saturate the color by 10%, you get **111.7150, -7.7475, 11.6509**, and if you desaturate by 10%, it is **122.7830, -0.8790, 1.9443**.

Distribution



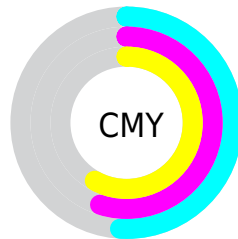
- Red (49%)
- Green (45%)
- Blue (42%)



- Red (49%)
- Yellow (47%)
- Blue (42%)



- Cyan (0%)
- Magenta (8%)
- Yellow (14%)
- Black (51%)



- Cyan (51%)
- Magenta (55%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YUV color 117.1920, -4.5317, 6.8476 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 117.1920, -4.5317, 6.8476 by changing the saturation by 10% instead.

■ 117.1920, -4.5317,
6.8476

■ 117.1920, -4.5317,
6.8476

255.0000, 0.0000,
0.0000

■ 92.3060, -4.0949,
6.7476

■ 169.3770, -5.1159,
7.5624

■ 69.0070, -3.9475,
6.1329

■ 196.3770, -5.1159,
7.5624

■ 46.7080, -3.8000,
5.5181

■ 224.3770, -5.1159,
7.5624

■ 25.7080, -3.8000,
5.5181

■ 251.1700, -4.5208,
3.3589

■ 0.0000, 0.0000,
0.0000

■ 117.1920, -4.5317,

■ 117.1920, -4.5317,

6.8476

6.8476

■ 111.7150, -7.7475,
11.6509

■ 122.7830, -0.8790,
1.9443

■ 105.5370,
-11.1107, 17.0691

■ 128.8470, 2.0474,
-3.3738

■ 100.0600,
-14.3266, 21.8724

■ 134.4380, 5.7001,
-8.2771

■ 94.4690, -17.9792,
26.7757

■ 139.9150, 8.9159,
-13.0805

■ 88.4050, -20.9057,
32.0938

■ 146.0930, 12.2792,
-18.4986

■ 82.8140, -24.5583,
36.9971

■ 151.5700, 15.4950,
-23.3019

■ 77.3370, -27.7741,
41.8005

■ 157.0470, 18.7108,
-28.1052

■ 71.1590, -31.1374,
47.2186

■ 163.2250, 22.0741,
-33.5233

■ 67.3120, -33.1848,
50.5924

■ 168.7020, 25.2899,
-38.3267

Harmonies

Analogous

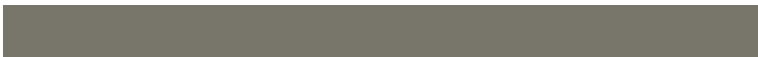
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



117.5450, -3.2267, 8.2920



117.1920, -4.5317, 6.8476



116.7570, -4.8102, 2.8441

Triad

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



117.1920, -4.5317, 6.8476



115.1730, 0.9007, -8.9217



117.3360, 3.7784, 1.4593

Complementary

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



117.1920, -4.5317, 6.8476



115.8080, 4.5317, -6.8476

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.



116.6450, 5.1050, -4.0737



117.1920, -4.5317, 6.8476



115.1560, 3.3741, -8.9068

Square

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



117.1920, -4.5317, 6.8476



115.2120, -1.5835, -5.4479



115.5090, 4.6791, -7.4624



117.7880, 1.5835, 5.4479

Rectangle

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



117.1920, -4.5317, 6.8476



116.5610, -4.2206, 0.3850



115.5090, 4.6791, -7.4624



117.4390, 4.2206, -0.3850

Sweetspot

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



117.1920, -4.5317, 6.8476



159.9680, -1.4632, 2.6591



114.2230, 1.8621, 9.4514



79.7830, -0.8790, 1.9443



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.



117.1920, -4.5317, 6.8476



151.2310, -7.0159, 10.3214



121.8880, -6.8468, 2.7292



60.8540, -1.9000, 2.7590



69.3830, -34.2058, 51.4071



0.0000, 0.0000, 0.0000

Inverse Universe

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



115.8080, 4.5317, -6.8476



148.7690, 7.0159, -10.3214



111.1120, 6.8468, -2.7292



60.1460, 1.9000, -2.7590



58.6170, 34.2058, -51.4071



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 117.1920, -4.5317, 6.8476 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 117.1920, -4.5317, 6.8476 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

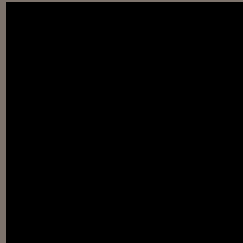
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 117.1920, -4.5317, 6.8476

Background



This preview shows how black text looks on a background with the YUV color 117.1920, -4.5317, 6.8476.



This preview shows how white text looks on a background with the YUV color 117.1920, -4.5317,

6.8476.

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

117.1920, -4.5317, 6.8476

Protanopia

116.6970, -3.7946, 3.7737

Deuteranopia

117.8120, -4.8373, 11.5659



Tritanopia

118.2120, 1.8675, 7.7071

Trichromacy



Original Color

117.1920, -4.5317, 6.8476

Protanomaly

116.9960, -3.9420, 4.3885

Deuteranomaly

117.8010, -4.8319, 9.8215

Tritanomaly

117.9300, -0.4585, 7.0774

Monochromacy



Original Color

117.1920, -4.5317, 6.8476

Achromatopsia

117.0000, 0.0000, 0.0000

Achromatomaly

116.9680, -1.4632, 2.6591

CSS Examples

Text

The CSS property to change the color of the text to YUV 117.1920, -4.5317, 6.8476 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(125, 115, 108)` looks like.

```
.text, #text, p{  
    color:rgb(125, 115, 108)  
}
```

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(125, 115, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 115, 108) }
```

Border

The CSS property to change the border of an element to YUV 117.1920, -4.5317, 6.8476 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(125, 115, 108) }
```


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

```
.border{ border-color:rgb(125, 115, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 115, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 115, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 115, 108);  
box-shadow:4px 4px 4px 4px rgb(125, 115,  
108) }
```

Background

The CSS property to change the background color of an element to YUV 117.1920, -4.5317, 6.8476 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 115, 108) }
```

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

```
.background{ background-color: rgb(125,  
115, 108) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor