

Converting Colors

YUV(117.2520, -5.5472, 5.9180)

Have a look what the booklet for
YUV(117.2520, -5.5472, 5.9180)
contains.

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Color

**YUV(117.2520, -5.5472,
5.9180)**

Conversions

Conversions Part 1

Format	Color
Hex	7C746A
RGB	124, 116, 106
RGB Percent	49%, 45%, 42%
CMY	0.5137, 0.5451, 0.5843
CMYK	0.00, 0.06, 0.15, 0.51
HSL	33°, 8%, 45%
HSV	33°, 15%, 49%
XYZ	17.1591, 17.8165, 16.1702
YIQ	117.2520, 7.9780, -1.4140

Conversions

Conversions Part 2

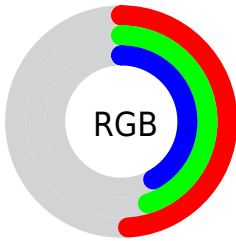
Format	Color
R_{YB}	120, 124, 106
Decimal	8156266
CIE Lab	49.27, 1.24, 6.63
CIE LCh	49, 6.742, 79.393
Yxy	17.8165, 0.3355, 0.3483
Android (android.graphics.Color)	4286346346 (0xFF7C746A)
YUV	117.2520, -5.5472, 5.9180
Hunter-Lab	42.2096, -1.3027, 6.8331

Details

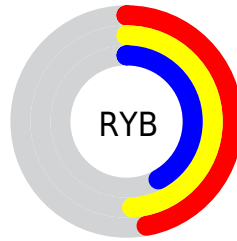
The YUV color **117.2520, -5.5472, 5.9180** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **112.7480, 5.5472, -5.9180**, and the grayscale version is **117.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **169.4370, -6.1314, 6.6328**, and **69.0670, -4.9630, 5.2032** is the 20% darker color. If you saturate the color by 10%, you get **112.3620, -9.0525, 10.2065**, and if you desaturate by 10%, it is **122.1420, -2.0420, 1.6295**.

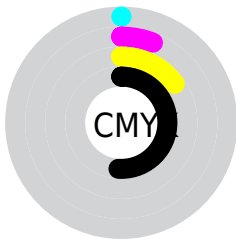
Distribution



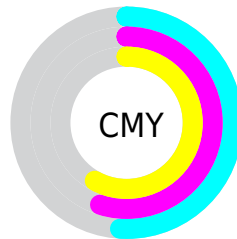
- Red (49%)
- Green (45%)
- Blue (42%)



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



- Cyan (0%)
- Magenta (6%)
- Yellow (15%)
- Black (51%)



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

Brightness & Saturation Gradients

These gradients show how the YUV color 117.2520, -5.5472, 5.9180 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 117.2520, -5.5472, 5.9180 by changing the saturation by 10% instead.

■ 117.2520, -5.5472,
5.9180

■ 117.2520, -5.5472,
5.9180

255.0000, 0.0000,
0.0000

■ 92.3660, -5.1104,
5.8180

■ 169.4370, -6.1314,
6.6328

■ 69.0670, -4.9630,
5.2032

■ 196.4370, -6.1314,
6.6328

■ 46.7680, -4.8156,
4.5885

■ 224.4370, -6.1314,
6.6328

■ 25.7680, -4.8156,
4.5885

■ 251.5290, -5.6838,
3.0441

■ 0.0000, 0.0000,
0.0000

■ 117.2520, -5.5472,

■ 117.2520, -5.5472,

5.9180

5.9180

■ 112.3620, -9.0525,
10.2065

■ 122.1420, -2.0420,
1.6295

■ 107.9450,
-13.2839, 14.0802

■ 126.5590, 2.1894,
-2.2442

■ 103.0550,
-16.7891, 18.3688

■ 131.4490, 5.6946,
-6.5328

■ 98.6380, -21.0205,
22.2425

■ 135.8660, 9.9261,
-10.4065

■ 93.7480, -24.5258,
26.5310

■ 140.7560, 13.4313,
-14.6950

■ 89.4450, -28.3204,
30.3047

■ 145.0590, 17.2259,
-18.4687

■ 84.4410, -32.2624,
34.6932

■ 150.0630, 21.1679,
-22.8573

■ 80.1380, -36.0570,
38.4670

■ 154.3660, 24.9626,
-26.6310

■ 77.5790, -38.2464,
40.7112

■ 159.3700, 28.9046,
-31.0195

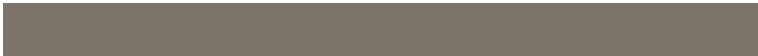
Harmonies

Analogous

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



117.6160, -4.2477, 9.1068



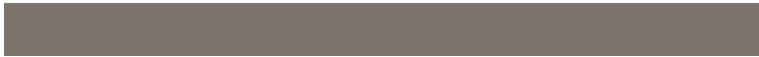
117.2520, -5.5472, 5.9180



116.6320, -5.2416, 1.1997

Triad

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



117.2520, -5.5472, 5.9180



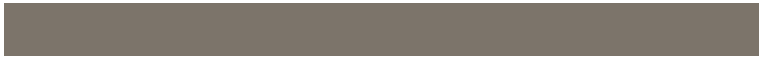
115.6180, 2.6533, -11.0660



118.5320, 3.1887, 3.9184

Complementary

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



117.2520, -5.5472, 5.9180



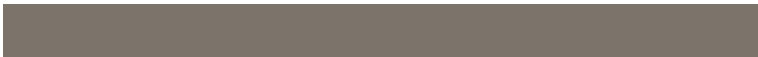
112.7480, 5.5472, -5.9180

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.



117.3680, 5.2416, -1.1997



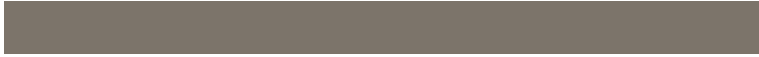
117.2520, -5.5472, 5.9180



115.9000, 4.9793, -10.4363

Square

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



117.2520, -5.5472, 5.9180



115.2440, -0.1203, -8.1070



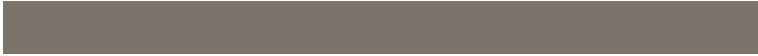
116.4490, 5.6946, -6.5328



118.1690, 0.4097, 8.6218

Rectangle

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



117.2520, -5.5472, 5.9180



115.9520, -3.9203, -2.5889



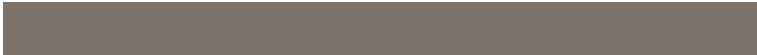
116.4490, 5.6946, -6.5328



118.0480, 3.9203, 2.5889

Sweetspot

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



117.2520, -5.5472, 5.9180



158.4410, -2.1894, 2.2442



112.2940, 0.8411, 10.2662



80.3700, -1.1684, 1.4295



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.



117.2520, -5.5472, 5.9180



150.7640, -8.7577, 8.9770



121.6490, -7.7150, 1.1848



58.5550, -1.7526, 2.1443



77.8780, -38.3939, 41.3260



157.5280, -77.6613, 82.8519

Inverse Universe

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



112.7480, 5.5472, -5.9180



143.2360, 8.7577, -8.9770



108.3510, 7.7150, -1.1848



57.4450, 1.7526, -2.1443



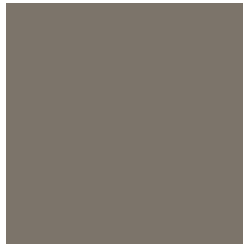
47.1220, 38.3939, -41.3260



94.4720, 77.6613, -82.8519

Previews

White Background



This preview shows how the YUV color 117.2520, -5.5472, 5.9180 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 117.2520, -5.5472, 5.9180 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

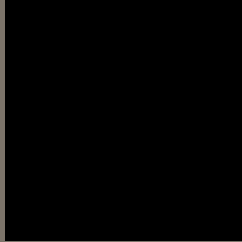
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 117.2520, -5.5472, 5.9180

Background



This preview shows how black text looks on a background with the YUV color 117.2520, -5.5472, 5.9180.



This preview shows how white text looks on a background with the YUV color 117.2520, -5.5472,

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

117.2520, -5.5472, 5.9180

Protanopia

117.2410, -5.5418, 4.1736

Deuteranopia

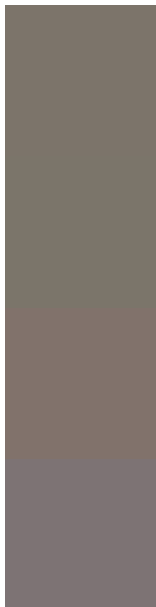
117.9970, -5.4215, 12.2806



Tritanopia

118.5000, 1.7255, 6.5775

Trichromacy



Original Color

117.2520, -5.5472, 5.9180

Protanomaly

117.5400, -5.6892, 4.7884

Deuteranomaly

117.6870, -5.2687, 9.9215

Tritanomaly

118.1040, -1.0373, 6.0478

Monochromacy



Original Color

117.2520, -5.5472, 5.9180

Achromatopsia

117.0000, 0.0000, 0.0000

Achromatomaly

117.4410, -2.1894, 2.2442

CSS Examples

Text

The CSS property to change the color of the text to YUV 117.2520, -5.5472, 5.9180 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(124, 116, 106)` looks like.

```
.text, #text, p{  
    color:rgb(124, 116, 106)  
}
```

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(124, 116, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 116, 106) }
```

Border

The CSS property to change the border of an element to YUV 117.2520, -5.5472, 5.9180 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(124, 116, 106) }
```


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

```
.border{ border-color:rgb(124, 116, 106) }
```

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

Here you see how a box with a 4 pixel rgb(124, 116, 106) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 116, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 116, 106);  
box-shadow:4px 4px 4px 4px rgb(124, 116,  
106) }
```

Background

The CSS property to change the background color of an element to YUV 117.2520, -5.5472, 5.9180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 116, 106) }
```

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

```
.background{ background-color: rgb(124,  
116, 106) }
```

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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