

Converting Colors

YUV(117.1280, -7.4581,
12.1657)

Have a look what the booklet for
YUV(117.1280, -7.4581, 12.1657)
contains.

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Color

**YUV(117.1280, -7.4581,
12.1657)**

Conversions

Conversions Part 1

Format	Color
Hex	837166
RGB	131, 113, 102
RGB Percent	51%, 44%, 40%
CMY	0.4863, 0.5569, 0.6000
CMYK	0.00, 0.14, 0.22, 0.49
HSL	23°, 12%, 46%
HSV	23°, 22%, 51%
XYZ	17.6635, 17.5949, 15.0356
YIQ	117.1280, 14.2590, 0.3950

Conversions

Conversions Part 2

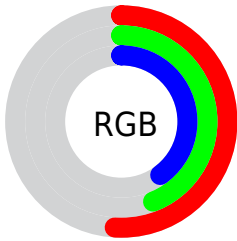
Format	Color
R_{YB}	131, 120, 102
Decimal	8614246
CIE Lab	49.00, 5.15, 8.70
CIE LCh	49, 10.108, 59.341
Yxy	17.5949, 0.3512, 0.3498
Android (android.graphics.Color)	4286804326 (0xFF837166)
YUV	117.1280, -7.4581, 12.1657
Hunter-Lab	41.9462, 1.7601, 8.1100

Details

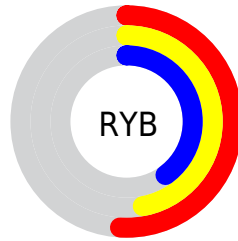
The YUV color **117.1280, -7.4581, 12.1657** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **115.8720, 7.4581, -12.1657**, and the grayscale version is **117.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **169.3130, -8.0423, 12.8805**, and **68.6440, -6.7265, 10.8362** is the 20% darker color. If you saturate the color by 10%, you get **110.9500, -10.8214, 17.5838**, and if you desaturate by 10%, it is **123.3060, -4.0949, 6.7476**.

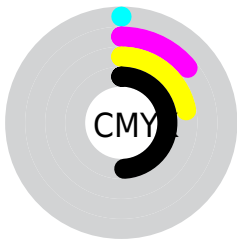
Distribution



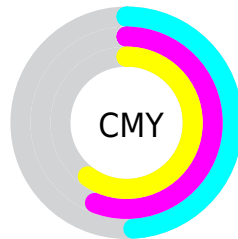
- Red (51%)
- Green (44%)
- Blue (40%)



- Red (51%)
- Yellow (47%)
- Blue (40%)



- Cyan (0%)
- Magenta (14%)
- Yellow (22%)
- Black (49%)



- Cyan (49%)
- Magenta (56%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 117.1280, -7.4581, 12.1657 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 117.1280, -7.4581, 12.1657 by changing the saturation by 10% instead.

■ 117.1280, -7.4581,
12.1657

■ 117.1280, -7.4581,
12.1657

■ 255.0000, 0.0000,
0.0000

■ 92.8290, -7.3107,
11.5510

■ 169.3130, -8.0423,
12.8805

■ 68.6440, -6.7265,
10.8362

■ 196.6120, -8.1897,
13.4953

■ 46.4590, -6.1423,
10.1215

■ 224.7970, -8.7739,
14.2100

■ 25.6330, -6.7211,
9.0919

■ 248.6110, -6.7102,
5.6032

■ 0.5980, -0.2948,
1.2296

■ 0.0000, 0.0000,
0.0000

■ 117.1280, -7.4581,
12.1657

■ 117.1280, -7.4581,
12.1657

■ 110.9500,
-10.8214, 17.5838

■ 123.3060, -4.0949,
6.7476

■ 104.7720,
-14.1846, 23.0020

■ 129.4840, -0.7316,
1.3295

■ 98.5940, -17.5478,
28.4201

■ 135.6620, 2.6316,
-4.0886

■ 91.8290, -20.6217,
34.3530

■ 142.4270, 5.7055,
-10.0215

■ 85.6510, -23.9849,
39.7711

■ 148.7190, 9.5055,
-15.5396

■ 79.3590, -27.7850,
45.2892

■ 154.8970, 12.8688,
-20.9577

■ 73.1810, -31.1482,
50.7073

■ 161.0750, 16.2320,
-26.3758

■ 68.5190, -33.7799,

■ 167.2530, 19.5953,

54.7958

-31.7939

■ 173.4310, 22.9585,
-37.2120

Harmonies

Analogous

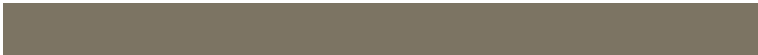
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



117.8340, -4.8482, 15.0546



117.1280, -7.4581, 12.1657



116.4540, -8.6048, 6.6178

Triad

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



117.1280, -7.4581, 12.1657



113.2540, 1.3538, -14.2548



117.1340, 6.8359, 0.7595

Complementary

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



117.1280, -7.4581, 12.1657



115.8720, 7.4581, -12.1657

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.



115.8340, 8.4628, -7.7474



117.1280, -7.4581, 12.1657



113.2690, 5.2904, -16.8989

Square

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



117.1280, -7.4581, 12.1657



114.3210, -3.6093, -9.0515



114.6760, 8.0477, -14.6249



118.2660, 3.3199, 8.5367

Rectangle

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



117.1280, -7.4581, 12.1657



115.6490, -7.7150, 1.1848



114.6760, 8.0477, -14.6249



116.6390, 7.5730, -2.3144

Sweetspot

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



117.1280, -7.4581, 12.1657



164.9360, -2.9264, 5.3181



112.7230, 3.5876, 16.0289



83.2670, -1.6106, 3.2738



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



117.1280, -7.4581, 12.1657



148.7330, -11.7004, 19.5282



125.3460, -11.5096, 4.9586



62.9680, -1.4632, 2.6591



67.6330, -33.3431, 54.6959



1.4840, -0.7316, 1.3295

Inverse Universe

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



115.8720, 7.4581, -12.1657



146.6800, 11.9898, -19.0134



107.6540, 11.5096, -4.9586



63.0320, 1.4632, -2.6591



62.3670, 33.3431, -54.6959



1.5160, 0.7316, -1.3295

Previews

White Background



This preview shows how the YUV color 117.1280, -7.4581, 12.1657 looks on a white background.

Color Contrast Check

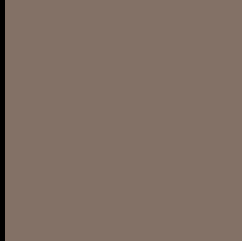
Large Text (above 18pt) WCAG AA ✓ Pass

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 117.1280, -7.4581, 12.1657 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

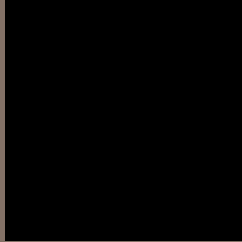
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 117.1280, -7.4581, 12.1657

Background



This preview shows how black text looks on a background with the YUV color 117.1280, -7.4581, 12.1657.



This preview shows how white text looks on a background with the YUV color 117.1280, -7.4581,

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

117.1280, -7.4581, 12.1657

Protanopia

116.4260, -6.1260, 4.8884

Deuteranopia

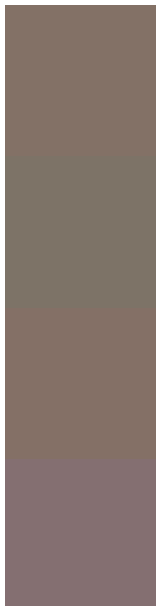
117.1390, -7.4635, 13.9101



Tritanopia

117.9030, 0.5408, 13.2401

Trichromacy



Original Color

117.1280, -7.4581, 12.1657

Protanomaly

116.6220, -6.7156, 7.3475

Deuteranomaly

116.8400, -7.3161, 13.2953

Tritanomaly

117.5070, -2.2220, 12.7104

Monochromacy



Original Color

117.1280, -7.4581, 12.1657

Achromatopsia

117.0000, 0.0000, 0.0000

Achromatomaly

117.3380, -2.6316, 4.0886

CSS Examples

Text

The CSS property to change the color of the text to YUV 117.1280, -7.4581, 12.1657 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(131, 113, 102)` looks like.

```
.text, #text, p{  
    color:rgb(131, 113, 102)  
}
```

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(131, 113, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 113, 102) }
```

Border

The CSS property to change the border of an element to YUV 117.1280, -7.4581, 12.1657 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(131, 113, 102) }
```


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

```
.border{ border-color:rgb(131, 113, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 113, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(131, 113, 102); -webkit-box-shadow:4px 4px 4px 4px rgb(131, 113, 102); box-shadow:4px 4px 4px 4px rgb(131, 113, 102) }
```

Background

The CSS property to change the background color of an element to YUV 117.1280, -7.4581, 12.1657 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 113, 102) }
```

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

```
.background{ background-color: rgb(131,  
113, 102) }
```

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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