

Converting Colors

YUV(117.9800, -2.9481,
12.2955)

Have a look what the booklet for
YUV(117.9800, -2.9481, 12.2955)
contains.

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Color

**YUV(117.9800, -2.9481,
12.2955)**

Conversions

Conversions Part 1

Format	Color
Hex	847070
RGB	132, 112, 112
RGB Percent	52%, 44%, 44%
CMY	0.4824, 0.5608, 0.5608
CMYK	0.00, 0.15, 0.15, 0.48
HSL	0°, 8%, 48%
HSV	0°, 15%, 52%
XYZ	18.2345, 17.6637, 17.7776
YIQ	117.9800, 11.9200, 4.2400

Conversions

Conversions Part 2

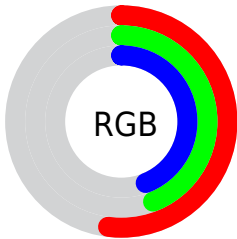
Format	Color
R_{YB}	132, 112, 112
Decimal	8679536
CIE Lab	49.09, 7.83, 2.90
CIE LCh	49, 8.353, 20.349
Yxy	17.6637, 0.3397, 0.3291
Android (android.graphics.Color)	4286869616 (0xFF847070)
YUV	117.9800, -2.9481, 12.2955
Hunter-Lab	42.0282, 3.8952, 4.3406

Details

The YUV color **117.9800, -2.9481, 12.2955** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **126.0200, 2.9481, -12.2955**, and the grayscale version is **118.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **170.2790, -3.0955, 12.9103**, and **69.3820, -2.6533, 11.0660** is the 20% darker color. If you saturate the color by 10%, you get **108.8670, -4.8644, 20.2876**, and if you desaturate by 10%, it is **127.0930, -1.0318, 4.3034**.

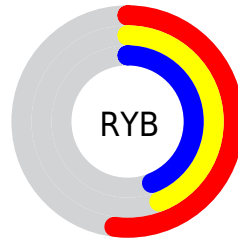
Distribution



Red (52%)

Green (44%)

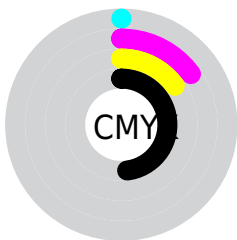
Blue (44%)



Red (52%)

Yellow (44%)

Blue (44%)

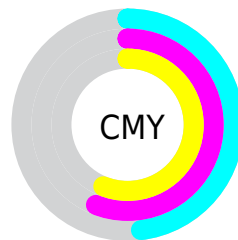


Cyan (0%)

Magenta (15%)

Yellow (15%)

Black (48%)



Cyan (48%)


Magenta (56%)


Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the YUV color 117.9800, -2.9481, 12.2955 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 117.9800, -2.9481, 12.2955 by changing the saturation by 10% instead.


 117.9800, -2.9481,
12.2955


 117.9800, -2.9481,
12.2955


255.0000, 0.0000,
0.0000

 93.6810, -2.8007,
11.6808


 170.2790, -3.0955,
12.9103

 69.3820, -2.6533,
11.0660


 197.5780, -3.2430,
13.5251

 47.0830, -2.5059,
10.4512

 225.5780, -3.2430,
13.5251

 26.4850, -2.2111,
9.2217

 249.3920, -1.1793,
4.9182

 2.9900, -1.4741,
6.1478

 0.0000, 0.0000,
0.0000

■ 117.9800, -2.9481,
12.2955

■ 117.9800, -2.9481,
12.2955

■ 108.8670, -4.8644,
20.2876

■ 127.0930, -1.0318,
4.3034

■ 99.7540, -6.7807,
28.2797

■ 136.2060, 0.8844,
-3.6887

■ 89.9400, -8.8444,
36.8866

■ 146.0200, 2.9481,
-12.2955

■ 80.8270, -10.7607,
44.8787

■ 155.1330, 4.8644,
-20.2876

■ 71.7140, -12.6770,
52.8708

■ 164.2460, 6.7807,
-28.2797

■ 62.6010, -14.5933,
60.8629

■ 173.3590, 8.6970,
-36.2718

■ 53.4880, -16.5096,
68.8550

■ 182.4720, 10.6133,
-44.2639

■ 43.6740, -18.5733,

■ 192.2860, 12.6770,

77.4619

-52.8708

■ 39.4680, -19.4577,
81.1506

■ 201.3990, 14.5933,
-60.8629

Harmonies

Analogous

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



118.1800, 0.4043, 10.3661



117.9800, -2.9481, 12.2955



117.2850, -5.5635, 11.1511

Triad

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



117.9800, -2.9481, 12.2955



115.2290, -4.0569, -5.4628



116.0790, 6.8631, -7.9623

Complementary

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



117.9800, -2.9481, 12.2955



126.0200, 2.9481, -12.2955

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.



114.8180, 6.0057, -12.9954



117.9800, -2.9481, 12.2955



114.5210, -0.2569, -10.9809

Square

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



117.9800, -2.9481, 12.2955



115.9910, -6.4046, 0.8849



114.4220, 3.2430, -13.5251



117.2970, 6.2626, -2.0145

Rectangle

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



117.9800, -2.9481, 12.2955



117.3340, -6.5737, 8.4771



114.4220, 3.2430, -13.5251



115.7690, 7.0159, -10.3214

Sweetspot

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



117.9800, -2.9481, 12.2955



164.6910, -1.3267, 5.5330



120.2600, 5.7878, 10.2960



82.7940, -0.8844, 3.6887



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.



117.9800, -2.9481, 12.2955



149.2690, -4.5696, 19.0581



123.8500, -5.8420, 7.1476



61.7940, -0.8844, 3.6887



38.8700, -19.1629, 79.9210



0.8970, -0.4422, 1.8443

Inverse Universe

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



126.0200, 2.9481, -12.2955



161.7310, 4.5696, -19.0581



120.1500, 5.8421, -7.1475



64.2060, 0.8844, -3.6887



91.1300, 19.1629, -79.9210



2.1030, 0.4422, -1.8443

Previews

White Background



This preview shows how the YUV color 117.9800, -2.9481, 12.2955 looks on a white background.

Color Contrast Check

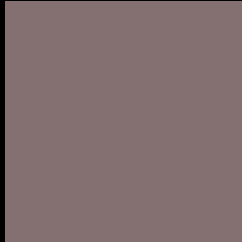
Large Text (above 18pt) WCAG AA ✓ Pass

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 117.9800, -2.9481, 12.2955 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 117.9800, -2.9481, 12.2955

Background



This preview shows how black text looks on a background with the YUV color 117.9800, -2.9481, 12.2955.

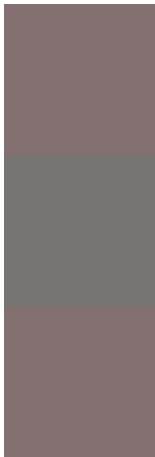


This preview shows how white text looks on a background with the YUV color 117.9800, -2.9481,

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

117.9800, -2.9481, 12.2955

Protanopia

116.6690, -1.3158, 2.0443

Deuteranopia

117.9690, -2.9427, 10.5512



Tritanopia

118.4900, 0.2514, 12.7253

Trichromacy



Original Color

117.9800, -2.9481, 12.2955

Protanomaly

117.4630, -2.2003, 5.7329

Deuteranomaly

118.2680, -3.0901, 11.1660

Tritanomaly

118.1480, -1.0590, 13.0252

Monochromacy



Original Color

117.9800, -2.9481, 12.2955

Achromatopsia

118.0000, 0.0000, 0.0000

Achromatomaly

118.0930, -1.0318, 4.3034

CSS Examples

Text

The CSS property to change the color of the text to YUV 117.9800, -2.9481, 12.2955 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(132, 112, 112)` looks like.

```
.text, #text, p{  
    color:rgb(132, 112, 112)  
}
```

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(132, 112, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 112, 112) }
```

Border

The CSS property to change the border of an element to YUV 117.9800, -2.9481, 12.2955 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(132, 112, 112) }
```


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

```
.border{ border-color:rgb(132, 112, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 112, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 112, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 112, 112);  
box-shadow:4px 4px 4px 4px rgb(132, 112,  
112) }
```

Background

The CSS property to change the background color of an element to YUV 117.9800, -2.9481, 12.2955 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 112, 112) }
```

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

```
.background{ background-color: rgb(132,  
112, 112) }
```

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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