

Converting Colors

YUV(86.9800, -2.9481, 12.2955)

Have a look what the booklet for
YUV(86.9800, -2.9481, 12.2955)
contains.

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Color

**YUV(86.9800, -2.9481,
12.2955)**

Conversions

Conversions Part 1	
Format	Color
Hex	655151
RGB	101, 81, 81
RGB Percent	40%, 32%, 32%
CMY	0.6039, 0.6824, 0.6824
CMYK	0.00, 0.20, 0.20, 0.60
HSL	0°, 11%, 36%
HSV	0°, 20%, 40%
XYZ	9.7945, 9.2456, 9.0529
YIQ	86.9800, 11.9200, 4.2400

Conversions

Conversions Part 2

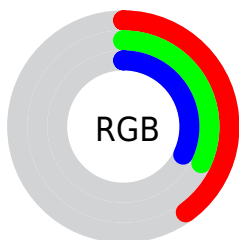
Format	Color
RYB	101, 81, 81
Decimal	6639953
CIELab	36.45, 8.32, 3.14
CIELCh	36, 8.898, 20.695
Yxy	9.2456, 0.3486, 0.3291
Android (android.graphics.Color)	4284830033 (0xFF655151)
YUV	86.9800, -2.9481, 12.2955
Hunter-Lab	30.4066, 4.2860, 3.6323

Details

The YUV color **86.9800, -2.9481, 12.2955** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **95.0200, 2.9481, -12.2955**, and the grayscale version is **87.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **136.5780, -3.2430, 13.5251**, and **41.4960, -2.2165, 10.9660** is the 20% darker color. If you saturate the color by 10%, you get **79.9700, -4.4222, 18.4433**, and if you desaturate by 10%, it is **93.9900, -1.4741, 6.1478**.

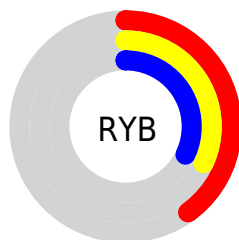
Distribution



Red (40%)

Green (32%)

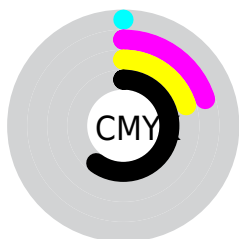
Blue (32%)



Red (40%)

Yellow (32%)

Blue (32%)

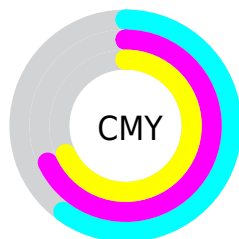


Cyan (0%)

Magenta (20%)

Yellow (20%)

Black (60%)



Cyan (60%)

Magenta (68%)


Yellow (68%)

Brightness & Saturation Gradients


These gradients show how the YUV color 86.9800, -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 86.9800, -2.9481, 12.2955 by changing the saturation by 10% instead.


 86.9800, -2.9481,
12.2955

 86.9800, -2.9481,
12.2955


255.0000, 0.0000,
0.0000


 63.6810, -2.8007,
11.6808


 136.5780, -3.2430,
13.5251


 41.4960, -2.2165,
10.9660


 162.8770, -3.3904,
14.1399


 20.9690, -2.9427,
10.5512


 190.1760, -3.5378,
14.7546


 0.0000, 0.0000,
0.0000


 218.1760, -3.5378,
14.7546


 243.7840, -2.3585,
9.8364


 86.9800, -2.9481,
12.2955


 86.9800, -2.9481,
12.2955


 79.9700, -4.4222,
18.4433


 93.9900, -1.4741,
6.1478

 72.9600, -5.8963,
24.5911


 101.0000, 0.0000,
0.0000


 65.9500, -7.3703,
30.7389


 108.0100, 1.4741,
-6.1478


 58.9400, -8.8444,
36.8866


 115.0200, 2.9481,
-12.2955


 51.2290, -10.4659,
43.6492

 122.7310, 4.5696,
-19.0581


 44.2190, -11.9400,
49.7969

 129.7410, 6.0437,
-25.2059

 37.2090, -13.4140,
55.9447


 136.7510, 7.5178,
-31.3536

 30.1990, -14.8881,

 143.7610, 8.9918,

62.0925

-37.5014

 150.7710, 10.4659,
-43.6492

Harmonies

Analogous

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



87.1800, 0.4043, 10.3661



86.9800, -2.9481, 12.2955



86.2850, -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.



86.9800, -2.9481, 12.2955



84.3430, -3.6201, -5.5628



84.8940, 7.4473, -8.6770

Complementary

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



86.9800, -2.9481, 12.2955



95.0200, 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.



83.9320, 6.4425, -13.0954



86.9800, -2.9481, 12.2955



83.5210, -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.



86.9800, -2.9481, 12.2955



84.9910, -6.4046, 0.8849



83.1230, 3.3904, -14.1399



86.2970, 6.2626, -2.0145

Rectangle

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



86.9800, -2.9481, 12.2955



86.2200, -7.0105, 8.5771



83.1230, 3.3904, -14.1399



84.7690, 7.0159, -10.3214

Sweetspot

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



86.9800, -2.9481, 12.2955



124.3920, -1.1793, 4.9182



89.2600, 5.7878, 10.2960



63.1960, -0.5896, 2.4591



194.0000, 0.0000, 0.0000



66.0000, 0.0000, 0.0000

Same Dimension

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



86.9800, -2.9481, 12.2955



108.2690, -4.5696, 19.0581



92.8500, -5.8420, 7.1476



47.4950, -0.7370, 3.0739



34.3850, -16.9518, 70.6994



72.3580, -35.6725, 148.7760

Inverse Universe

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



95.0200, 2.9481, -12.2955



120.7310, 4.5696, -19.0581



89.1500, 5.8421, -7.1475



49.5050, 0.7370, -3.0739



80.6150, 16.9518, -70.6994



169.6420, 35.6725, -148.7760

Previews

White Background



This preview shows how the YUV color 86.9800, -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 ✓ Pass

Black Background



This preview shows how the YUV color 86.9800, -2.9481, 12.2955 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

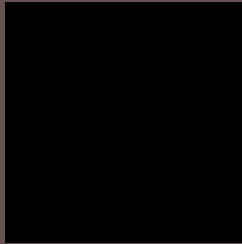
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 86.9800, -2.9481, 12.2955

Background



This preview shows how black text looks on a background with the YUV color 86.9800, -2.9481, 12.2955.

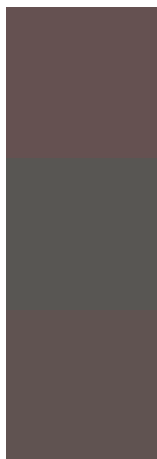


This preview shows how white text looks on a background with the YUV color 86.9800, -2.9481,

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

86.9800, -2.9481, 12.2955

Protanopia

86.2560, -1.6052, 1.5295

Deuteranopia

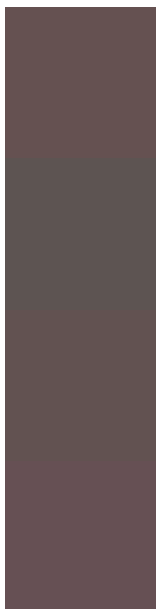
86.6590, -2.7899, 8.1921



Tritanopia

87.2620, -0.6222, 12.9252

Trichromacy



Original Color

86.9800, -2.9481, 12.2955

Protanomaly

86.4630, -2.2003, 5.7329

Deuteranomaly

86.6700, -2.7953, 9.9364

Tritanomaly

87.0340, -1.4958, 13.1252

Monochromacy



Original Color

86.9800, -2.9481, 12.2955

Achromatopsia

87.0000, 0.0000, 0.0000

Achromatomaly

87.0930, -1.0318, 4.3034

CSS Examples

Text

The CSS property to change the color of the text to YUV 86.9800, -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(101, 81, 81)` looks like.

```
.text, #text, p{  
    color:rgb(101, 81, 81)  
}
```

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(101, 81, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 81, 81) }
```

Border

The CSS property to change the border of an element to YUV 86.9800, -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(101, 81, 81) }
```


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

```
.border{ border-color:rgb(101, 81, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 81, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 81, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 81, 81);  
box-shadow:4px 4px 4px 4px rgb(101, 81,  
81) }
```

Background

The CSS property to change the background color of an element to YUV 86.9800, -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(101, 81, 81) }
```

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

```
.background{ background-color:rgb(101, 81,  
81) }
```

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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