

Converting Colors

YUV(103.9800, -2.9481,
12.2955)

Have a look what the booklet for
YUV(103.9800, -2.9481, 12.2955)
contains.

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Color

**YUV(103.9800, -2.9481,
12.2955)**

Conversions

Conversions Part 1

Format	Color
Hex	766262
RGB	118, 98, 98
RGB Percent	46%, 38%, 38%
CMY	0.5373, 0.6157, 0.6157
CMYK	0.00, 0.17, 0.17, 0.54
HSL	0°, 9%, 42%
HSV	0°, 17%, 46%
XYZ	14.0435, 13.4688, 13.4148
YIQ	103.9800, 11.9200, 4.2400

Conversions

Conversions Part 2

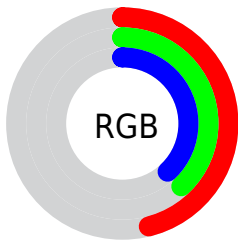
Format	Color
R_{YB}	118, 98, 98
Decimal	7758434
CIE Lab	43.46, 8.03, 3.00
CIE LCh	43, 8.575, 20.482
Yxy	13.4688, 0.3431, 0.3291
Android (android.graphics.Color)	4285948514 (0xFF766262)
YUV	103.9800, -2.9481, 12.2955
Hunter-Lab	36.6998, 4.0799, 4.0177

Details

The YUV color **103.9800, -2.9481, 12.2955** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **112.0200, 2.9481, -12.2955**, and the grayscale version is **104.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **155.2790, -3.0955, 12.9103**, and **57.0830, -2.5059, 10.4512** is the 20% darker color. If you saturate the color by 10%, you get **95.5680, -4.7170, 19.6729**, and if you desaturate by 10%, it is **112.3920, -1.1793, 4.9182**.

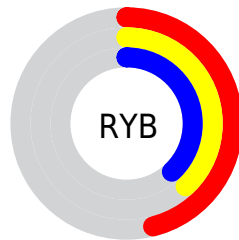
Distribution



Red (46%)

Green (38%)

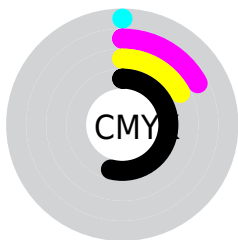
Blue (38%)



Red (46%)

Yellow (38%)

Blue (38%)

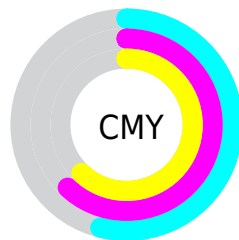


Cyan (0%)

Magenta (17%)

Yellow (17%)

Black (54%)



Cyan (54%)

Magenta (62%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YUV color 103.9800, -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 103.9800, -2.9481, 12.2955 by changing the saturation by 10% instead.

■ 103.9800, -2.9481,
12.2955

■ 103.9800, -2.9481,
12.2955

255.0000, 0.0000,
0.0000

■ 79.6810, -2.8007,
11.6808

■ 155.2790, -3.0955,
12.9103

■ 57.0830, -2.5059,
10.4512

■ 181.8770, -3.3904,
14.1399

■ 35.1970, -2.0691,
10.3512

■ 209.8770, -3.3904,
14.1399

■ 12.2790, -3.0955,
12.9103

■ 238.1760, -3.5378,
14.7546

■ 0.0000, 0.0000,
0.0000

■ 103.9800, -2.9481,

■ 103.9800, -2.9481,

12.2955

12.2955

■ 95.5680, -4.7170,
19.6729

■ 112.3920, -1.1793,
4.9182

■ 87.1560, -6.4859,
27.0502

■ 120.8040, 0.5896,
-2.4591

■ 79.4450, -8.1074,
33.8127

■ 128.5150, 2.2111,
-9.2217

■ 71.0330, -9.8763,
41.1901

■ 136.9270, 3.9800,
-16.5990

■ 62.6210, -11.6452,
48.5674

■ 145.3390, 5.7489,
-23.9763

■ 54.2090, -13.4140,
55.9447

■ 153.7510, 7.5178,
-31.3536

■ 45.7970, -15.1829,
63.3220

■ 162.1630, 9.2866,
-38.7310

■ 38.0860, -16.8044,
70.0846

■ 169.8740, 10.9081,
-45.4935

■ 35.2820, -17.3940,
72.5437

■ 178.2860, 12.6770,
-52.8708

Harmonies

Analogous

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



104.1800, 0.4043, 10.3661



103.9800, -2.9481, 12.2955



103.2850, -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.



103.9800, -2.9481, 12.2955



101.2290, -4.0569, -5.4628



101.7800, 7.0105, -8.5771

Complementary

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



103.9800, -2.9481, 12.2955



112.0200, 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.



100.8180, 6.0057, -12.9954



103.9800, -2.9481, 12.2955



100.5210, -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.



103.9800, -2.9481, 12.2955



101.9910, -6.4046, 0.8849



100.4220, 3.2430, -13.5251



103.2970, 6.2626, -2.0145

Rectangle

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



103.9800, -2.9481, 12.2955



103.2200, -7.0105, 8.5771



100.4220, 3.2430, -13.5251



101.7690, 7.0159, -10.3214

Sweetspot

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



103.9800, -2.9481, 12.2955



147.3920, -1.1793, 4.9182



106.2600, 5.7878, 10.2960



73.4950, -0.7370, 3.0739



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



103.9800, -2.9481, 12.2955



131.2690, -4.5696, 19.0581



109.8500, -5.8420, 7.1476



54.7940, -0.8844, 3.6887



36.4780, -17.9837, 75.0028



74.7500, -36.8518, 153.6943

Inverse Universe

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



112.0200, 2.9481, -12.2955



143.7310, 4.5696, -19.0581



106.1500, 5.8421, -7.1475



57.2060, 0.8844, -3.6887



85.5220, 17.9837, -75.0028



175.2500, 36.8518, -153.6943

Previews

White Background



This preview shows how the YUV color 103.9800, -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 103.9800, -2.9481, 12.2955 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

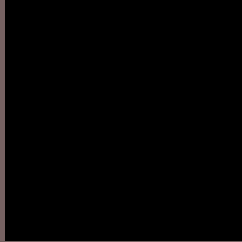
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 103.9800, -2.9481, 12.2955

Background



This preview shows how black text looks on a background with the YUV color 103.9800, -2.9481, 12.2955.

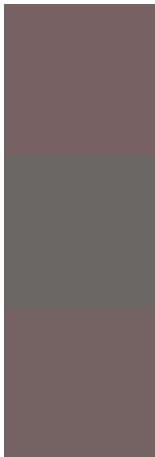


This preview shows how white text looks on a background with the YUV color 103.9800, -2.9481,

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

103.9800, -2.9481, 12.2955

Protanopia

102.6690, -1.3158, 2.0443

Deuteranopia

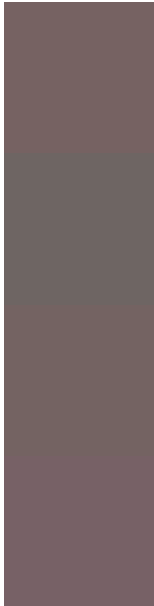
103.6700, -2.7953, 9.9364



Tritanopia

104.4900, 0.2514, 12.7253

Trichromacy



Original Color

103.9800, -2.9481, 12.2955

Protanomaly

103.4630, -2.2003, 5.7329

Deuteranomaly

103.9690, -2.9427, 10.5512

Tritanomaly

104.1480, -1.0590, 13.0252

Monochromacy



Original Color

103.9800, -2.9481, 12.2955

Achromatopsia

104.0000, 0.0000, 0.0000

Achromatomaly

104.0930, -1.0318, 4.3034

CSS Examples

Text

The CSS property to change the color of the text to YUV 103.9800, -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(118, 98, 98)` looks like.

```
.text, #text, p{  
    color:rgb(118, 98, 98)  
}
```

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(118, 98, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 98, 98) }
```

Border

The CSS property to change the border of an element to YUV 103.9800, -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(118, 98, 98) }
```


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

```
.border{ border-color:rgb(118, 98, 98) }
```

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

Here you see how a box with a 4 pixel rgb(118, 98, 98) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 98, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 98, 98);  
box-shadow:4px 4px 4px 4px rgb(118, 98,  
98) }
```

Background

The CSS property to change the background color of an element to YUV 103.9800, -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(118, 98, 98) }
```

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

```
.background{ background-color: rgb(118, 98,  
98) }
```

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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