

Converting Colors

YUV(111.7800, -6.3005,
14.2249)

Have a look what the booklet for
YUV(111.7800, -6.3005, 14.2249)
contains.

YUV(111.7800, -6.3005, 14.2249)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(111.7800, -6.3005,
14.2249)**

Conversions

Conversions Part 1

Format	Color
Hex	806A63
RGB	128, 106, 99
RGB Percent	50%, 42%, 39%
CMY	0.4980, 0.5843, 0.6118
CMYK	0.00, 0.17, 0.23, 0.50
HSL	14°, 13%, 45%
HSV	14°, 23%, 50%
XYZ	16.3083, 15.7981, 13.9942
YIQ	111.7800, 15.3590, 2.4870

Conversions

Conversions Part 2

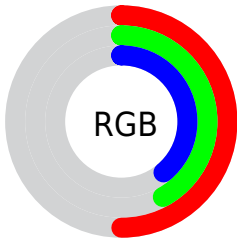
Format	Color
R_{YB}	128, 108, 99
Decimal	8415843
CIE Lab	46.71, 7.54, 7.19
CIE LCh	47, 10.419, 43.612
Yxy	15.7981, 0.3538, 0.3427
Android (android.graphics.Color)	4286605923 (0xFF806A63)
YUV	111.7800, -6.3005, 14.2249
Hunter-Lab	39.7468, 3.6821, 6.9478

Details

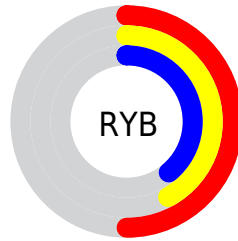
The YUV color **111.7800, -6.3005, 14.2249** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **115.2200, 6.3005, -14.2249**, and the grayscale version is **112.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **163.3780, -6.5954, 15.4545**, and **63.9970, -5.4215, 12.2806** is the 20% darker color. If you saturate the color by 10%, you get **104.4280, -9.0850, 20.6726**, and if you desaturate by 10%, it is **119.1320, -3.5161, 7.7772**.

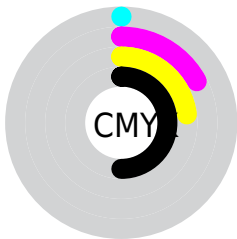
Distribution



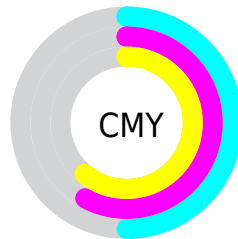
- Red (50%)
- Green (42%)
- Blue (39%)



- Red (50%)
- Yellow (42%)
- Blue (39%)



- Cyan (0%)
- Magenta (17%)
- Yellow (23%)
- Black (50%)



- Cyan (50%)
- Magenta (58%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the YUV color 111.7800, -6.3005, 14.2249 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 111.7800, -6.3005, 14.2249 by changing the saturation by 10% instead.

■ 111.7800, -6.3005,
14.2249

■ 111.7800, -6.3005,
14.2249

255.0000, 0.0000,
0.0000

■ 87.4810, -6.1531,
13.6102

■ 163.3780, -6.5954,
15.4545

■ 63.9970, -5.4215,
12.2806

■ 190.5630, -7.1796,
16.1692

■ 41.6980, -5.2741,
11.6659

■ 218.5630, -7.1796,
16.1692

■ 20.9430, -6.8739,
11.4510

■ 243.5730, -5.7055,
10.0215

■ 0.0000, 0.0000,
0.0000

■ 111.7800, -6.3005,

■ 111.7800, -6.3005,

14.2249

14.2249

■ 104.4280, -9.0850,
20.6726

■ 119.1320, -3.5161,
7.7772

■ 97.6630, -12.1589,
26.6055

■ 125.8970, -0.4422,
1.8443

■ 90.4250, -14.5065,
32.9533

■ 133.1350, 1.9054,
-4.5034

■ 83.0730, -17.2910,
39.4010

■ 140.4870, 4.6899,
-10.9511

■ 75.7210, -20.0755,
45.8487

■ 147.8390, 7.4744,
-17.3988

■ 68.9560, -23.1493,
51.7816

■ 154.6040, 10.5482,
-23.3317

■ 61.6040, -25.9338,
58.2293

■ 161.9560, 13.3327,
-29.7794

■ 56.4690, -27.8392,
62.7327

■ 169.1940, 15.6804,
-36.1271

■ 175.9590, 18.7542,
-42.0600

Harmonies

Analogous

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



112.4040, -2.6642, 14.5547



111.7800, -6.3005, 14.2249



110.5900, -8.1789, 10.0066

Triad

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



111.7800, -6.3005, 14.2249



107.5810, -1.2724, -11.9105



110.8560, 8.4520, -4.2587

Complementary

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



111.7800, -6.3005, 14.2249



115.2200, 6.3005, -14.2249

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.



109.5130, 8.6211, -11.8509



111.7800, -6.3005, 14.2249



107.6990, 3.1064, -16.3990

Square

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



111.7800, -6.3005, 14.2249



108.8870, -5.3673, -5.1629



108.0240, 6.8902, -16.6840



111.8140, 5.5147, 4.5481

Rectangle

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



111.7800, -6.3005, 14.2249



110.1550, -8.4574, 6.0031



108.0240, 6.8902, -16.6840



110.5460, 8.6048, -6.6178

Sweetspot

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



111.7800, -6.3005, 14.2249



159.3490, -2.6371, 5.8329



110.1790, 5.3348, 15.6290



80.2670, -1.6106, 3.2738



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

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



111.7800, -6.3005, 14.2249



140.9120, -9.8166, 22.0022



119.9980, -10.3520, 7.0178



60.2670, -1.6106, 3.2738



56.4690, -27.8392, 62.7327



0.0000, 0.0000, 0.0000

Inverse Universe

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



115.2200, 6.3005, -14.2249



146.0880, 9.8166, -22.0022



107.0020, 10.3520, -7.0178



60.7330, 1.6106, -3.2738



71.5310, 27.8392, -62.7327



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 111.7800, -6.3005, 14.2249 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 111.7800, -6.3005, 14.2249 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

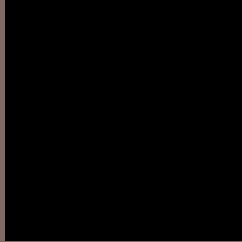
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 111.7800, -6.3005, 14.2249

Background



This preview shows how black text looks on a background with the YUV color 111.7800, -6.3005, 14.2249.

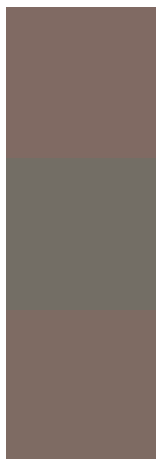


This preview shows how white text looks on a background with the YUV color 111.7800, -6.3005,

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

111.7800, -6.3005, 14.2249

Protanopia

110.4690, -4.6682, 3.9737

Deuteranopia

111.7690, -6.2951, 12.4806



Tritanopia

112.6860, -0.3382, 15.1844

Trichromacy



Original Color

111.7800, -6.3005, 14.2249

Protanomaly

111.2630, -5.5527, 7.6623

Deuteranomaly

112.0680, -6.4425, 13.0954

Tritanomaly

112.4040, -2.6642, 14.5547

Monochromacy



Original Color

111.7800, -6.3005, 14.2249

Achromatopsia

112.0000, 0.0000, 0.0000

Achromatomaly

112.0500, -2.4896, 5.2182

CSS Examples

Text

The CSS property to change the color of the text to YUV 111.7800, -6.3005, 14.2249 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(128, 106, 99)` looks like.

```
.text, #text, p{  
    color:rgb(128, 106, 99)  
}
```

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(128, 106, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 106, 99) }
```

Border

The CSS property to change the border of an element to YUV 111.7800, -6.3005, 14.2249 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(128, 106, 99) }
```


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

```
.border{ border-color:rgb(128, 106, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 106, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 106, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 106, 99);  
box-shadow:4px 4px 4px 4px rgb(128, 106,  
99) }
```

Background

The CSS property to change the background color of an element to YUV 111.7800, -6.3005, 14.2249 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 106, 99) }
```

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

```
.background{ background-color: rgb(128,  
106, 99) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor