

Converting Colors

YUV(112.6880, -6.7482,
17.8136)

Have a look what the booklet for
YUV(112.6880, -6.7482, 17.8136)
contains.

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Color

**YUV(112.6880, -6.7482,
17.8136)**

Conversions

Conversions Part 1

Format	Color
Hex	856963
RGB	133, 105, 99
RGB Percent	52%, 41%, 39%
CMY	0.4784, 0.5882, 0.6118
CMYK	0.00, 0.21, 0.26, 0.48
HSL	11°, 15%, 45%
HSV	11°, 26%, 52%
XYZ	16.9766, 15.9905, 13.9961
YIQ	112.6880, 18.6140, 4.0700

Conversions

Conversions Part 2

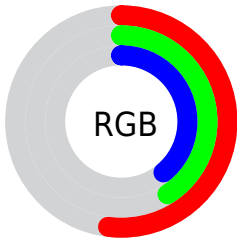
Format	Color
R_{YB}	133, 106, 99
Decimal	8743267
CIE _{Lab}	46.96, 10.20, 7.62
CIE _{LCh}	47, 12.728, 36.773
Yxy	15.9905, 0.3615, 0.3405
Android (android.graphics.Color)	4286933347 (0xFF856963)
YUV	112.6880, -6.7482, 17.8136
Hunter-Lab	39.9882, 5.8010, 7.2399

Details

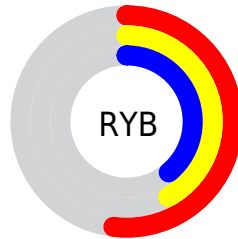
The YUV color **112.6880, -6.7482, 17.8136** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **119.3120, 6.7482, -17.8136**, and the grayscale version is **113.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **164.5850, -7.1904, 19.6580**, and **64.9050, -5.8692, 15.8693** is the 20% darker color. If you saturate the color by 10%, you get **104.7490, -9.2433, 24.7761**, and if you desaturate by 10%, it is **120.6270, -4.2531, 10.8511**.

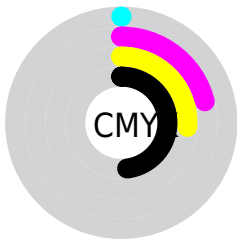
Distribution



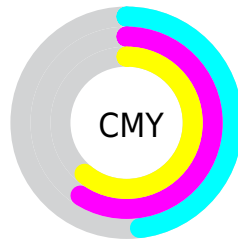
- Red (52%)
- Green (41%)
- Blue (39%)



- Red (52%)
- Yellow (42%)
- Blue (39%)



- Cyan (0%)
- Magenta (21%)
- Yellow (26%)
- Black (48%)



- Cyan (48%)
- Magenta (59%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the YUV color 112.6880, -6.7482, 17.8136 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 112.6880, -6.7482, 17.8136 by changing the saturation by 10% instead.

■ 112.6880, -6.7482,
17.8136

■ 112.6880, -6.7482,
17.8136

255.0000, 0.0000,
0.0000

■ 88.0900, -6.4534,
16.5841

■ 164.5850, -7.1904,
19.6580

■ 64.9050, -5.8692,
15.8693

■ 191.7700, -7.7746,
20.3727

■ 42.3070, -5.5744,
14.6398

■ 219.7700, -7.7746,
20.3727

■ 21.2530, -7.0267,
13.8101

■ 242.9860, -5.4161,
10.5363

■ 0.0000, 0.0000,
0.0000

■ 112.6880, -6.7482,

■ 112.6880, -6.7482,

17.8136

17.8136

■ 104.7490, -9.2433,
24.7761

■ 120.6270, -4.2531,
10.8511

■ 96.6960, -12.1751,
31.8386

■ 128.6800, -1.3212,
3.7886

■ 88.7570, -14.6702,
38.8011

■ 136.6190, 1.1738,
-3.1739

■ 80.8180, -17.1653,
45.7636

■ 144.5580, 3.6689,
-10.1364

■ 72.7650, -20.0971,
52.8261

■ 152.6110, 6.6008,
-17.1988

■ 64.8260, -22.5922,
59.7886

■ 160.5500, 9.0958,
-24.1614

■ 56.8870, -25.0873,
66.7511

■ 168.4890, 11.5909,
-31.1239

■ 53.2680, -26.2611,
69.9250

■ 176.4280, 14.0860,
-38.0864

■ 184.4810, 17.0179,
-45.1488

Harmonies

Analogous

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



113.2410, -2.0908, 17.3286



112.6880, -6.7482, 17.8136



111.8570, -9.7895, 13.2804

Triad

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



112.6880, -6.7482, 17.8136



108.2280, -2.5774, -13.3550



110.7030, 10.4994, -7.6325

Complementary

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



112.6880, -6.7482, 17.8136



119.3120, 6.7482, -17.8136

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.



109.3490, 10.6739, -16.9691



112.6880, -6.7482, 17.8136



107.5630, 2.6804, -19.7878

Square

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



112.6880, -6.7482, 17.8136



109.6160, -7.6987, -4.0482



107.6320, 8.0694, -21.6023



112.6720, 7.5567, 2.9187

Rectangle

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



112.6880, -6.7482, 17.8136



111.0090, -10.3574, 8.7621



107.6320, 8.0694, -21.6023



110.6810, 10.5103, -11.1212

Sweetspot

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



112.6880, -6.7482, 17.8136



165.0610, -2.4951, 6.9625



112.3580, 7.2185, 18.1030



81.8650, -1.9054, 4.5034



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.



112.6880, -6.7482, 17.8136



141.1300, -10.4171, 27.9500



122.6670, -11.6678, 9.0620



62.3810, -1.1738, 3.1739



52.3710, -25.8189, 68.0806



0.8970, -0.4422, 1.8443

Inverse Universe

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



119.3120, 6.7482, -17.8136



151.8700, 10.4171, -27.9500



109.3330, 11.6678, -9.0620



63.6190, 1.1738, -3.1739



77.6290, 25.8189, -68.0806



1.5160, 0.7316, -1.3295

Previews

White Background



This preview shows how the YUV color 112.6880, -6.7482, 17.8136 looks on a white background.

Color Contrast Check

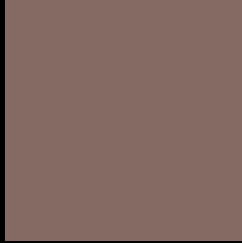
Large Text (above 18pt) WCAG AA ✓ Pass

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 112.6880, -6.7482, 17.8136 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

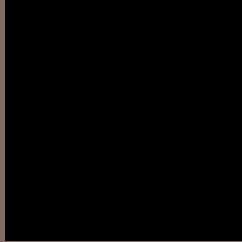
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 112.6880, -6.7482, 17.8136

Background



This preview shows how black text looks on a background with the YUV color 112.6880, -6.7482, 17.8136.

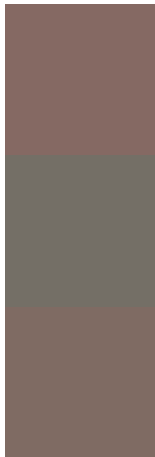


This preview shows how white text looks on a background with the YUV color 112.6880, -6.7482,

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

112.6880, -6.7482, 17.8136

Protanopia

111.4690, -4.6682, 3.9737

Deuteranopia

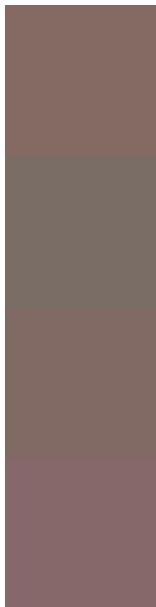
112.0680, -6.4425, 13.0954



Tritanopia

113.1810, -1.0752, 18.2583

Trichromacy



Original Color

112.6880, -6.7482, 17.8136

Protanomaly

111.9750, -5.4107, 8.7919

Deuteranomaly

112.0790, -6.4479, 14.8397

Tritanomaly

113.3120, -3.1118, 18.1434

Monochromacy



Original Color

112.6880, -6.7482, 17.8136

Achromatopsia

113.0000, 0.0000, 0.0000

Achromatomaly

112.7620, -2.3477, 6.3477

CSS Examples

Text

The CSS property to change the color of the text to YUV 112.6880, -6.7482, 17.8136 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(133, 105, 99)` looks like.

```
.text, #text, p{  
    color:rgb(133, 105, 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(133, 105, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 105, 99) }
```

Border

The CSS property to change the border of an element to YUV 112.6880, -6.7482, 17.8136 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(133, 105, 99) }
```


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

```
.border{ border-color:rgb(133, 105, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 105, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 105, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 105, 99);  
box-shadow:4px 4px 4px 4px rgb(133, 105,  
99) }
```

Background

The CSS property to change the background color of an element to YUV 112.6880, -6.7482, 17.8136 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 105, 99) }
```

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

```
.background{ background-color: rgb(133,  
105, 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](#).

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