

Converting Colors

YUV(116.3890, -6.6008,
17.1988)

Have a look what the booklet for
YUV(116.3890, -6.6008, 17.1988)
contains.

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Color

**YUV(116.3890, -6.6008,
17.1988)**

Conversions

Conversions Part 1

Format	Color
Hex	886D67
RGB	136, 109, 103
RGB Percent	53%, 43%, 40%
CMY	0.4667, 0.5725, 0.5961
CMYK	0.00, 0.20, 0.24, 0.47
HSL	11°, 14%, 47%
HSV	11°, 24%, 53%
XYZ	18.0702, 17.1508, 15.1900
YIQ	116.3890, 18.0180, 3.8580

Conversions

Conversions Part 2

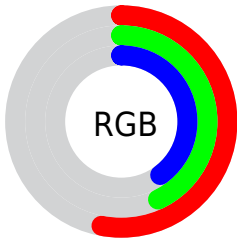
Format	Color
R_{YB}	136, 110, 103
Decimal	8940903
CIE _{Lab}	48.45, 9.70, 7.39
CIE _{LCh}	48, 12.199, 37.295
Yxy	17.1508, 0.3585, 0.3402
Android (android.graphics.Color)	4287130983 (0xFF886D67)
YUV	116.3890, -6.6008, 17.1988
Hunter-Lab	41.4135, 5.4121, 7.2426

Details

The YUV color **116.3890, -6.6008, 17.1988** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **122.6110, 6.6008, -17.1988**, and the grayscale version is **116.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **168.8730, -7.3324, 18.5284**, and **67.9050, -5.8692, 15.8693** is the 20% darker color. If you saturate the color by 10%, you get **108.3360, -9.5326, 24.2613**, and if you desaturate by 10%, it is **124.4420, -3.6689, 10.1364**.

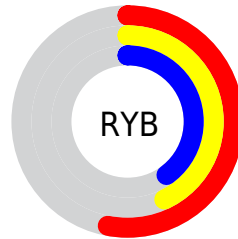
Distribution



Red (53%)

Green (43%)

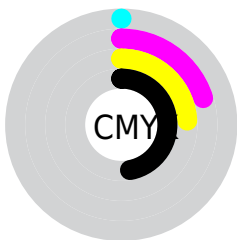
Blue (40%)



Red (53%)

Yellow (43%)

Blue (40%)

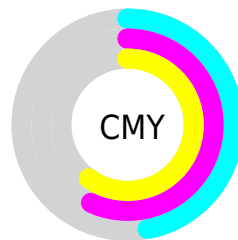


Cyan (0%)

Magenta (20%)

Yellow (24%)

Black (47%)



Cyan (47%)

Magenta (57%)


Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the YUV color 116.3890, -6.6008, 17.1988 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 116.3890, -6.6008, 17.1988 by changing the saturation by 10% instead.


 116.3890, -6.6008,
17.1988


 116.3890, -6.6008,
17.1988


255.0000, 0.0000,
0.0000


 91.7910, -6.3060,
15.9693


 168.8730, -7.3324,
18.5284


 67.9050, -5.8692,
15.8693


 196.1720, -7.4798,
19.1432


 46.0080, -5.4269,
14.0250

 223.4710, -7.6272,
19.7579

 24.2960, -5.5689,
12.8954

 246.4910, -4.6791,
7.4624

 2.3920, -1.1793,
4.9182

 0.0000, 0.0000,
0.0000

■ 116.3890, -6.6008,
17.1988

■ 116.3890, -6.6008,
17.1988

■ 108.3360, -9.5326,
24.2613

■ 124.4420, -3.6689,
10.1364

■ 100.3970,
-12.0277, 31.2238

■ 132.3810, -1.1738,
3.1739

■ 92.3440, -14.9596,
38.2863

■ 140.4340, 1.7580,
-3.8886

■ 83.8180, -17.1653,
45.7636

■ 148.9600, 3.9637,
-11.3659

■ 75.7650, -20.0971,
52.8261

■ 157.0130, 6.8956,
-18.4284

■ 67.7120, -23.0290,
59.8886

■ 165.0660, 9.8275,
-25.4909

■ 59.7730, -25.5241,
66.8511

■ 173.0050, 12.3225,
-32.4534

■ 55.3390, -27.2821,

■ 181.0580, 15.2544,

70.7397

-39.5159

■ 188.9970, 17.7495,
-46.4784

Harmonies

Analogous

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



116.9420, -1.9434, 16.7139



116.3890, -6.6008, 17.1988



115.5580, -9.6421, 12.6656

Triad

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



116.3890, -6.6008, 17.1988



111.9400, -2.4354, -12.2254



114.8880, 9.9152, -6.9178

Complementary

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



116.3890, -6.6008, 17.1988



122.6110, 6.6008, -17.1988

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.



112.9470, 10.3791, -15.7395



116.3890, -6.6008, 17.1988



111.2750, 2.8224, -18.6582

Square

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



116.3890, -6.6008, 17.1988



113.0290, -7.4093, -3.5334



111.2300, 7.7746, -20.3727



116.5580, 7.1199, 3.0186

Rectangle

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



116.3890, -6.6008, 17.1988



114.8240, -9.7732, 8.0474



111.2300, 7.7746, -20.3727



113.9800, 10.3629, -10.5065

Sweetspot

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



116.3890, -6.6008, 17.1988



168.7620, -2.3477, 6.3477



116.0590, 7.3659, 17.4883



84.6800, -1.3212, 3.7886



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



116.3890, -6.6008, 17.1988



145.5320, -10.1223, 26.7204



125.7810, -11.2310, 8.9621



64.6800, -1.3212, 3.7886



53.8550, -26.5505, 69.4102



2.0820, -1.0264, 2.5591

Inverse Universe

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



122.6110, 6.6008, -17.1988



155.4680, 10.1223, -26.7204



113.2190, 11.2310, -8.9621



66.3200, 1.3212, -3.7886



78.5580, 26.8399, -68.8954



2.9180, 1.0264, -2.5591

Previews

White Background



This preview shows how the YUV color 116.3890, -6.6008, 17.1988 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 116.3890, -6.6008, 17.1988 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

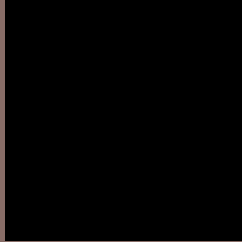
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 116.3890, -6.6008, 17.1988

Background



This preview shows how black text looks on a background with the YUV color 116.3890, -6.6008, 17.1988.

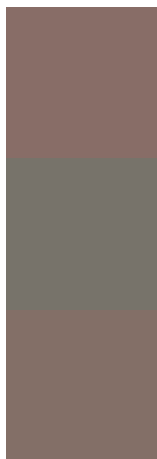


This preview shows how white text looks on a background with the YUV color 116.3890, -6.6008,

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

116.3890, -6.6008, 17.1988

Protanopia

115.1700, -4.5208, 3.3589

Deuteranopia

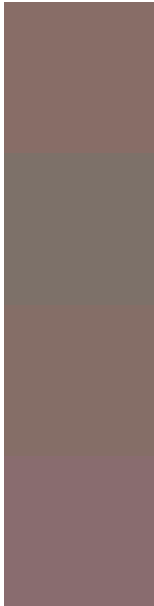
116.0680, -6.4425, 13.0954



Tritanopia

116.8820, -0.9278, 17.6435

Trichromacy



Original Color

116.3890, -6.6008, 17.1988

Protanomaly

115.6760, -5.2633, 8.1771

Deuteranomaly

116.0790, -6.4479, 14.8397

Tritanomaly

117.0130, -2.9644, 17.5286

Monochromacy



Original Color

116.3890, -6.6008, 17.1988

Achromatopsia

116.0000, 0.0000, 0.0000

Achromatomaly

115.7620, -2.3477, 6.3477

CSS Examples

Text

The CSS property to change the color of the text to YUV 116.3890, -6.6008, 17.1988 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(136, 109, 103)` looks like.

```
.text, #text, p{  
    color:rgb(136, 109, 103)  
}
```

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(136, 109, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 109, 103) }
```

Border

The CSS property to change the border of an element to YUV 116.3890, -6.6008, 17.1988 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(136, 109, 103) }
```


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

```
.border{ border-color:rgb(136, 109, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 109, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 109, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 109, 103);  
box-shadow:4px 4px 4px 4px rgb(136, 109,  
103) }
```

Background

The CSS property to change the background color of an element to YUV 116.3890, -6.6008, 17.1988 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 109, 103) }
```

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

```
.background{ background-color: rgb(136,  
109, 103) }
```

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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