

Converting Colors

YUV(116.1760, -3.5378,
14.7546)

Have a look what the booklet for
YUV(116.1760, -3.5378, 14.7546)
contains.

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Color

**YUV(116.1760, -3.5378,
14.7546)**

Conversions

Conversions Part 1

Format	Color
Hex	856D6D
RGB	133, 109, 109
RGB Percent	52%, 43%, 43%
CMY	0.4784, 0.5725, 0.5725
CMYK	0.00, 0.18, 0.18, 0.48
HSL	0°, 10%, 47%
HSV	0°, 18%, 52%
XYZ	17.9018, 17.0280, 16.8112
YIQ	116.1760, 14.3040, 5.0880

Conversions

Conversions Part 2

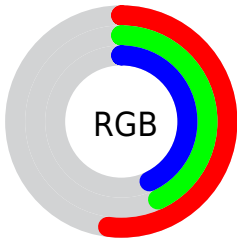
Format	Color
R_{YB}	133, 109, 109
Decimal	8744301
CIE Lab	48.30, 9.47, 3.56
CIE LCh	48, 10.121, 20.592
Yxy	17.0280, 0.3460, 0.3291
Android (android.graphics.Color)	4286934381 (0xFF856D6D)
YUV	116.1760, -3.5378, 14.7546
Hunter-Lab	41.2649, 5.2244, 4.7309

Details

The YUV color **116.1760, -3.5378, 14.7546** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **125.8240, 3.5378, -14.7546**, and the grayscale version is **116.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **168.3610, -4.1220, 15.4694**, and **67.6920, -2.8062, 13.4251** is the 20% darker color. If you saturate the color by 10%, you get **107.0630, -5.4541, 22.7467**, and if you desaturate by 10%, it is **125.2890, -1.6215, 6.7625**.

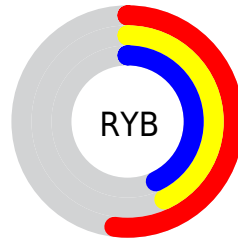
Distribution



Red (52%)

Green (43%)

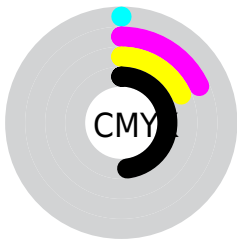
Blue (43%)



Red (52%)

Yellow (43%)

Blue (43%)

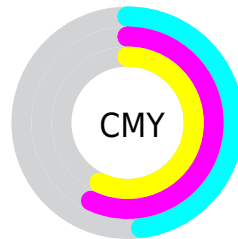


Cyan (0%)

Magenta (18%)

Yellow (18%)

Black (48%)



Cyan (48%)

Magenta (57%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the YUV color 116.1760, -3.5378, 14.7546 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 116.1760, -3.5378, 14.7546 by changing the saturation by 10% instead.

■ 116.1760, -3.5378,
14.7546

■ 116.1760, -3.5378,
14.7546

■ 255.0000, 0.0000,
0.0000

■ 91.8770, -3.3904,
14.1399

■ 168.3610, -4.1220,
15.4694

■ 67.6920, -2.8062,
13.4251

■ 195.6600, -4.2694,
16.0842

■ 45.9800, -2.9481,
12.2955

■ 223.3720, -4.1274,
17.2138

■ 24.3820, -2.6533,
11.0660

■ 247.2890, -1.6215,
6.7625

■ 1.7940, -0.8844,
3.6887

■ 0.0000, 0.0000,
0.0000

■ 116.1760, -3.5378,
14.7546

■ 116.1760, -3.5378,
14.7546

■ 107.0630, -5.4541,
22.7467

■ 125.2890, -1.6215,
6.7625

■ 97.2490, -7.5178,
31.3536

■ 135.1030, 0.4422,
-1.8443

■ 88.1360, -9.4340,
39.3457

■ 144.2160, 2.3585,
-9.8364

■ 79.0230, -11.3503,
47.3378

■ 153.3290, 4.2748,
-17.8285

■ 69.2090, -13.4140,
55.9447

■ 163.1430, 6.3385,
-26.4354

■ 60.0960, -15.3303,
63.9368

■ 172.2560, 8.2548,
-34.4275

■ 50.9830, -17.2466,
71.9289


■ 181.3690, 10.1711,
-42.4196

■ 41.8700, -19.1629,

■ 190.4820, 12.0874,

79.9210

-50.4117

 39.7670, -19.6051,
81.7653

 200.2960, 14.1511,
-59.0186

Harmonies

Analogous

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



116.3050, 0.8356, 12.0105



116.1760, -3.5378, 14.7546



115.9540, -6.8793, 13.1953

Triad

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



116.1760, -3.5378, 14.7546



112.5170, -4.1989, -6.5924



113.5240, 8.6157, -10.1065

Complementary

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



116.1760, -3.5378, 14.7546



125.8240, 3.5378, -14.7546

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.



112.2630, 7.7583, -15.1397



116.1760, -3.5378, 14.7546



112.2110, -0.1040, -13.3400

Square

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



116.1760, -3.5378, 14.7546



113.7630, -7.2782, 1.0848



111.9270, 3.9800, -16.5990



115.0520, 7.8624, -1.7996

Rectangle

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



116.1760, -3.5378, 14.7546



115.0030, -7.8895, 10.5214



111.9270, 3.9800, -16.5990



113.1000, 8.3317, -12.3657

Sweetspot

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



116.1760, -3.5378, 14.7546



167.3920, -1.1793, 4.9182



118.9120, 6.9454, 12.3552



82.7940, -0.8844, 3.6887



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.



116.1760, -3.5378, 14.7546



146.3620, -5.6015, 23.3615



123.2200, -7.0105, 8.5771



61.7940, -0.8844, 3.6887



38.8700, -19.1629, 79.9210



0.8970, -0.4422, 1.8443

Inverse Universe

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



125.8240, 3.5378, -14.7546



161.6380, 5.6015, -23.3615



118.7800, 7.0105, -8.5771



64.2060, 0.8844, -3.6887



91.1300, 19.1629, -79.9210



2.1030, 0.4422, -1.8443

Previews

White Background



This preview shows how the YUV color 116.1760, -3.5378, 14.7546 looks on a white background.

Color Contrast Check

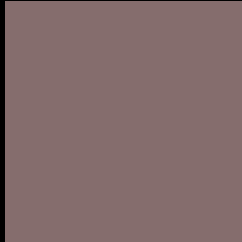
Large Text (above 18pt) WCAG AA ✓ Pass

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 116.1760, -3.5378, 14.7546 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

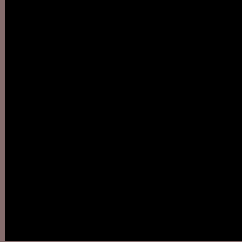
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 116.1760, -3.5378, 14.7546

Background



This preview shows how black text looks on a background with the YUV color 116.1760, -3.5378, 14.7546.

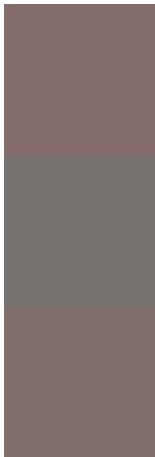


This preview shows how white text looks on a background with the YUV color 116.1760, -3.5378,

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

116.1760, -3.5378, 14.7546

Protanopia

114.6690, -1.3158, 2.0443

Deuteranopia

115.8550, -3.3795, 10.6512



Tritanopia

116.6860, -0.3382, 15.1844

Trichromacy



Original Color

116.1760, -3.5378, 14.7546

Protanomaly

115.1750, -2.0583, 6.8625

Deuteranomaly

115.8660, -3.3849, 12.3955

Tritanomaly

116.3440, -1.6486, 15.4843

Monochromacy



Original Color

116.1760, -3.5378, 14.7546

Achromatopsia

116.0000, 0.0000, 0.0000

Achromatomaly

115.6910, -1.3267, 5.5330

CSS Examples

Text

The CSS property to change the color of the text to YUV 116.1760, -3.5378, 14.7546 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, 109, 109)` looks like.

```
.text, #text, p{  
    color:rgb(133, 109, 109)  
}
```

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, 109, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 109, 109) }
```

Border

The CSS property to change the border of an element to YUV 116.1760, -3.5378, 14.7546 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, 109, 109) }
```


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

```
.border{ border-color:rgb(133, 109, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 109, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 109, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 109, 109);  
box-shadow:4px 4px 4px 4px rgb(133, 109,  
109) }
```

Background

The CSS property to change the background color of an element to YUV 116.1760, -3.5378, 14.7546 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 109, 109) }
```

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

```
.background{ background-color: rgb(133,  
109, 109) }
```

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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