

Converting Colors

YUV(116.4460, -16.4889,
15.3949)

Have a look what the booklet for
YUV(116.4460, -16.4889, 15.3949)
contains.

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Color

**YUV(116.4460, -16.4889,
15.3949)**

Conversions

Conversions Part 1

Format	Color
Hex	867253
RGB	134, 114, 83
RGB Percent	53%, 45%, 33%
CMY	0.4745, 0.5529, 0.6745
CMYK	0.00, 0.15, 0.38, 0.47
HSL	36°, 24%, 43%
HSV	36°, 38%, 53%
XYZ	17.4102, 17.7275, 10.6877
YIQ	116.4460, 21.8710, -5.4010

Conversions

Conversions Part 2

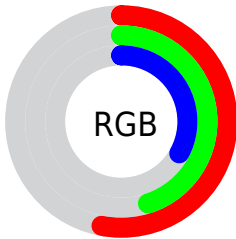
Format	Color
R_{YB}	116, 134, 83
Decimal	8811091
CIE Lab	49.16, 3.08, 20.09
CIE LCh	49, 20.328, 81.280
Yxy	17.7275, 0.3799, 0.3868
Android (android.graphics.Color)	4287001171 (0xFF867253)
YUV	116.4460, -16.4889, 15.3949
Hunter-Lab	42.1040, 0.1283, 14.4226

Details

The YUV color **116.4460, -16.4889, 15.3949** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **100.5540, 16.4889, -15.3949**, and the grayscale version is **117.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **168.8160, -17.6573, 16.8244**, and **67.8910, -14.7363, 13.2506** is the 20% darker color. If you saturate the color by 10%, you get **112.0290, -20.7203, 19.2686**, and if you desaturate by 10%, it is **120.8630, -12.2575, 11.5211**.

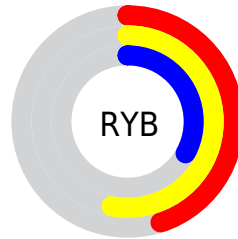
Distribution



Red (53%)

Green (45%)

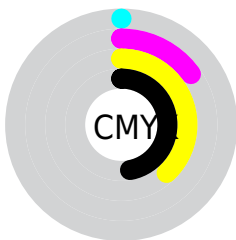
Blue (33%)



Red (45%)

Yellow (53%)

Blue (33%)

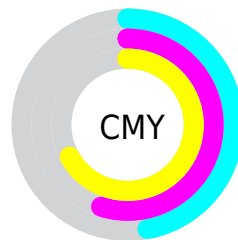


Cyan (0%)

Magenta (15%)

Yellow (38%)

Black (47%)



Cyan (47%)

Magenta (55%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YUV color 116.4460, -16.4889, 15.3949 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 116.4460, -16.4889, 15.3949 by changing the saturation by 10% instead.

■ 116.4460,
-16.4889, 15.3949

■ 116.4460,
-16.4889, 15.3949

■ 255.0000, 0.0000,
0.0000

■ 91.9620, -15.7573,
14.0653

■ 168.8160,
-17.6573, 16.8244

■ 67.8910, -14.7363,
13.2506

■ 196.0010,
-18.2415, 17.5391

■ 45.4070, -14.0047,
11.9211

■ 224.1860,
-18.8257, 18.2539

■ 25.1510, -12.3994,
10.3916

■ 246.8040,
-16.1724, 7.1879

■ 0.0000, 0.0000,
0.0000

■ 253.5180, -5.6784,
1.2997

■ 116.4460,
-16.4889, 15.3949

■ 116.4460,
-16.4889, 15.3949

■ 112.0290,
-20.7203, 19.2686

■ 120.8630,
-12.2575, 11.5211

■ 106.9110,
-25.0991, 23.7571

■ 125.9810, -7.8786,
7.0327

■ 102.4940,
-29.3305, 27.6308

■ 130.3980, -3.6472,
3.1590

■ 97.9630, -33.9988,
31.6044

■ 134.9290, 1.0210,
-0.8147

■ 93.5460, -38.2302,
35.4782

■ 139.3460, 5.2524,
-4.6884

■ 88.5420, -42.1722,
39.8667

■ 144.3500, 9.1945,
-9.0769

■ 87.6130, -43.1932,
40.6814

■ 148.8810, 13.8627,
-13.0506

■ 153.2980, 18.0941,

-16.9243

■ 157.8290, 22.7623,
-20.8980

Harmonies

Analogous

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



117.7230, -13.1744, 25.6759



116.4460, -16.4889, 15.3949



115.1130, -14.8457, 1.6549

Triad

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



116.4460, -16.4889, 15.3949



108.4020, 10.1548, -37.1866



119.3080, 9.7082, 12.8849

Complementary

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



116.4460, -16.4889, 15.3949



100.5540, 16.4889, -15.3949

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.



117.6910, 15.4353, -4.1140



116.4460, -16.4889, 15.3949



109.7210, 16.4065, -35.7123

Square

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



116.4460, -16.4889, 15.3949



109.9380, 0.5236, -28.0096



113.8520, 17.8210, -22.6722



119.9090, 1.5239, 24.6358

Rectangle

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



116.4460, -16.4889, 15.3949



113.3720, -11.0294, -9.0962



113.8520, 17.8210, -22.6722



119.1440, 11.7610, 7.7667

Sweetspot

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



116.4460, -16.4889, 15.3949



166.7250, -6.2734, 5.5032



100.5290, 1.2182, 29.3541



82.6970, -3.7946, 3.7737



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.



116.4460, -16.4889, 15.3949



145.7970, -25.5359, 23.8570



126.6910, -21.5397, 2.0250



64.1420, -2.0420, 1.6295



85.2430, -42.0248, 39.2519



2.0710, -1.0210, 0.8147

Inverse Universe

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



100.5540, 16.4889, -15.3949



121.2030, 25.5359, -23.8570



90.3090, 21.5397, -2.0250



61.8580, 2.0420, -1.6295



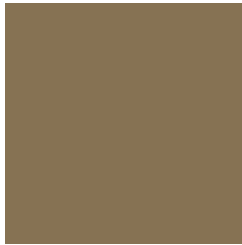
44.7570, 42.0248, -39.2519



0.9290, 1.0210, -0.8147

Previews

White Background



This preview shows how the YUV color 116.4460, -16.4889, 15.3949 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 116.4460, -16.4889, 15.3949 looks on a black 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

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

YUV 116.4460, -16.4889, 15.3949

Background



This preview shows how black text looks on a background with the YUV color 116.4460, -16.4889, 15.3949.



This preview shows how white text looks on a background with the YUV color 116.4460, -16.4889,

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

116.4460, -16.4889, 15.3949

Protanopia

115.9290, -15.7410, 8.8323

Deuteranopia

116.7670, -16.6471, 19.4983



Tritanopia

118.6970, -0.3436, 16.9287

Trichromacy



Original Color

116.4460, -16.4889, 15.3949

Protanomaly

116.2390, -15.8938, 11.1914

Deuteranomaly

116.7560, -16.6417, 17.7540

Tritanomaly

118.0900, -6.4534, 16.5841

Monochromacy



Original Color

116.4460, -16.4889, 15.3949

Achromatopsia

116.0000, 0.0000, 0.0000

Achromatomaly

116.1380, -5.9840, 6.0180

CSS Examples

Text

The CSS property to change the color of the text to YUV 116.4460, -16.4889, 15.3949 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(134, 114, 83)` looks like.

```
.text, #text, p{  
    color:rgb(134, 114, 83)  
}
```

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(134, 114, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 114, 83) }
```

Border

The CSS property to change the border of an element to YUV 116.4460, -16.4889, 15.3949 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(134, 114, 83) }
```


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

```
.border{ border-color:rgb(134, 114, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 114, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 114, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 114, 83);  
box-shadow:4px 4px 4px 4px rgb(134, 114,  
83) }
```

Background

The CSS property to change the background color of an element to YUV 116.4460, -16.4889, 15.3949 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 114, 83) }
```

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

```
.background{ background-color: rgb(134,  
114, 83) }
```

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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