

Converting Colors

YUV(116.1670, -9.9423,
15.6395)

Have a look what the booklet for
YUV(116.1670, -9.9423, 15.6395)
contains.

YUV(116.1670, -9.9423, 15.6395)	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(116.1670, -9.9423,
15.6395)**

Conversions

Conversions Part 1

Format	Color
Hex	866F60
RGB	134, 111, 96
RGB Percent	53%, 44%, 38%
CMY	0.4745, 0.5647, 0.6235
CMYK	0.00, 0.17, 0.28, 0.47
HSL	24°, 17%, 45%
HSV	24°, 28%, 53%
XYZ	17.6273, 17.2817, 13.4730
YIQ	116.1670, 18.5230, 0.2110

Conversions

Conversions Part 2

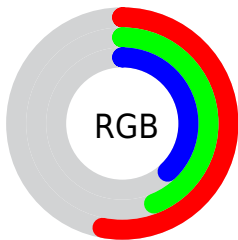
Format	Color
R_{YB}	134, 121, 96
Decimal	8810336
CIE _{Lab}	48.61, 6.63, 11.74
CIE _{LCh}	49, 13.483, 60.539
Yxy	17.2817, 0.3643, 0.3572
Android (android.graphics.Color)	4287000416 (0xFF866F60)
YUV	116.1670, -9.9423, 15.6395
Hunter-Lab	41.5713, 2.9387, 9.8844

Details

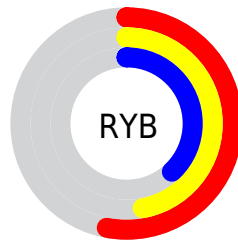
The YUV color **116.1670, -9.9423, 15.6395** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **113.8330, 9.9423, -15.6395**, and the grayscale version is **116.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **168.6510, -10.6739, 16.9691**, and **67.7970, -8.7739, 14.2100** is the 20% darker color. If you saturate the color by 10%, you get **109.9890, -13.3056, 21.0576**, and if you desaturate by 10%, it is **122.3450, -6.5791, 10.2214**.

Distribution



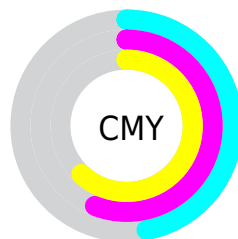
- Red (53%)
- Green (44%)
- Blue (38%)



- Red (53%)
- Yellow (47%)
- Blue (38%)



- Cyan (0%)
- Magenta (17%)
- Yellow (28%)
- Black (47%)



- Cyan (47%)
- Magenta (56%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YUV color 116.1670, -9.9423, 15.6395 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 116.1670, -9.9423, 15.6395 by changing the saturation by 10% instead.

■ 116.1670, -9.9423,
15.6395

■ 116.1670, -9.9423,
15.6395

255.0000, 0.0000,
0.0000

■ 91.5690, -9.6475,
14.4100

■ 168.6510,
-10.6739, 16.9691

■ 67.7970, -8.7739,
14.2100

■ 195.8360,
-11.2581, 17.6838

■ 45.3130, -8.0423,
12.8805

■ 223.1350,
-11.4056, 18.2986

■ 24.0310, -10.3683,
12.2508

■ 246.7530, -8.7522,
7.2326

■ 0.5980, -0.2948,
1.2296

■ 0.0000, 0.0000,
0.0000

■ 116.1670, -9.9423,
15.6395

■ 116.1670, -9.9423,
15.6395

■ 109.9890,
-13.3056, 21.0576

■ 122.3450, -6.5791,
10.2214

■ 103.6970,
-17.1056, 26.5757

■ 128.6370, -2.7790,
4.7034

■ 97.5190, -20.4689,
31.9938

■ 134.8150, 0.5842,
-0.7148

■ 91.2270, -24.2689,
37.5119

■ 141.1070, 4.3842,
-6.2328

■ 84.4620, -27.3428,
43.4448

■ 147.8720, 7.4581,
-12.1657

■ 78.2840, -30.7060,
48.8629

■ 154.0500, 10.8214,
-17.5838

■ 71.9920, -34.5061,
54.3810

■ 160.3420, 14.6214,
-23.1019

■ 71.1770, -35.0903,

■ 166.5200, 17.9846,

55.0958

-28.5200

■ 172.8120, 21.7847,
-34.0381

Harmonies

Analogous

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



116.8130, -6.3168, 19.4580



116.1670, -9.9423, 15.6395



115.1830, -10.9362, 7.7325

Triad

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



116.1670, -9.9423, 15.6395



111.3350, 1.8068, -19.5878



116.4160, 9.1619, 1.3892

Complementary

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



116.1670, -9.9423, 15.6395



113.8330, 9.9423, -15.6395

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.



114.6210, 11.5258, -10.1916



116.1670, -9.9423, 15.6395



111.5070, 7.6380, -23.2466

Square

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



116.1670, -9.9423, 15.6395



112.4840, -4.1826, -11.8255



112.7400, 10.9742, -19.9430



117.6300, 4.6194, 11.7255

Rectangle

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



116.1670, -9.9423, 15.6395



114.0790, -9.8989, 1.6847



112.7400, 10.9742, -19.9430



116.3230, 10.1938, -2.9143

Sweetspot

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



116.1670, -9.9423, 15.6395



166.0070, -3.9475, 6.1329



109.9840, 4.4449, 21.0620



82.3380, -2.6316, 4.0886



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.



116.1670, -9.9423, 15.6395



145.7290, -15.6424, 23.9167



127.3200, -15.4408, 5.8584



62.9680, -1.4632, 2.6591



68.8070, -33.9219, 53.6663



1.4840, -0.7316, 1.3295

Inverse Universe

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



113.8330, 9.9423, -15.6395



141.8580, 15.3530, -24.4315



102.6800, 15.4408, -5.8584



63.0320, 1.4632, -2.6591



61.1930, 33.9219, -53.6663



1.5160, 0.7316, -1.3295

Previews

White Background



This preview shows how the YUV color 116.1670, -9.9423, 15.6395 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 116.1670, -9.9423, 15.6395 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

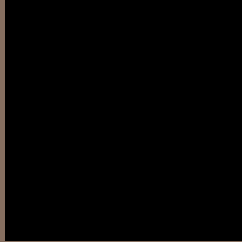
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 116.1670, -9.9423, 15.6395

Background



This preview shows how black text looks on a background with the YUV color 116.1670, -9.9423, 15.6395.



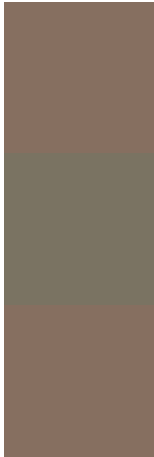
This preview shows how white text looks on a background with the YUV color 116.1670, -9.9423,

15.6395.

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

116.1670, -9.9423, 15.6395

Protanopia

115.1550, -8.4574, 6.0031

Deuteranopia

116.1670, -9.9423, 15.6395



Tritanopia

117.2840, -0.6330, 16.4139

Trichromacy



Original Color

116.1670, -9.9423, 15.6395

Protanomaly

115.6500, -9.1944, 9.0770

Deuteranomaly

116.1670, -9.9423, 15.6395

Tritanomaly

116.7740, -3.8326, 15.9842

Monochromacy



Original Color

116.1670, -9.9423, 15.6395

Achromatopsia

116.0000, 0.0000, 0.0000

Achromatomaly

116.1210, -3.5107, 6.0329

CSS Examples

Text

The CSS property to change the color of the text to YUV 116.1670, -9.9423, 15.6395 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, 111, 96)` looks like.

```
.text, #text, p{  
    color:rgb(134, 111, 96)  
}
```

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, 111, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 111, 96) }
```

Border

The CSS property to change the border of an element to YUV 116.1670, -9.9423, 15.6395 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, 111, 96) }
```


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

```
.border{ border-color:rgb(134, 111, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 111, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 111, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 111, 96);  
box-shadow:4px 4px 4px 4px rgb(134, 111,  
96) }
```

Background

The CSS property to change the background color of an element to YUV 116.1670, -9.9423, 15.6395 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 111, 96) }
```

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

```
.background{ background-color: rgb(134,  
111, 96) }
```

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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