

Converting Colors

YUV(116.3450, -16.4391,
46.1784)

Have a look what the booklet for
YUV(116.3450, -16.4391, 46.1784)
contains.

YUV(116.3450, -16.4391, 46.1784)	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(116.3450, -16.4391,
46.1784)**

Conversions

Conversions Part 1

Format	Color
Hex	A96053
RGB	169, 96, 83
RGB Percent	66%, 38%, 33%
CMY	0.3373, 0.6235, 0.6745
CMYK	0.00, 0.43, 0.51, 0.34
HSL	9°, 34%, 49%
HSV	9°, 51%, 66%
XYZ	22.1064, 17.4253, 10.3819
YIQ	116.3450, 47.6810, 11.4330

Conversions

Conversions Part 2

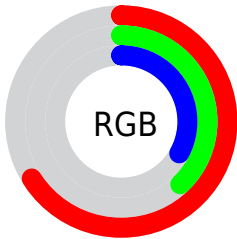
Format	Color
R_{YB}	169, 98, 83
Decimal	11100243
CIE _{Lab}	48.79, 28.22, 20.34
CIE _{LCh}	49, 34.782, 35.787
Yxy	17.4253, 0.4429, 0.3491
Android (android.graphics.Color)	4289290323 (0xFFA96053)
YUV	116.3450, -16.4391, 46.1784
Hunter-Lab	41.7436, 21.4779, 14.4747

Details

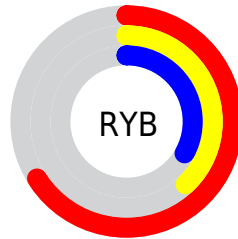
The YUV color **116.3450, -16.4391, 46.1784** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **135.6550, 16.4391, -46.1784**, and the grayscale version is **116.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **169.9110, -18.1971, 50.0671**, and **66.2950, -13.9494, 40.9603** is the 20% darker color. If you saturate the color by 10%, you get **106.1890, -19.8132, 55.0852**, and if you desaturate by 10%, it is **126.5010, -13.0650, 37.2716**.

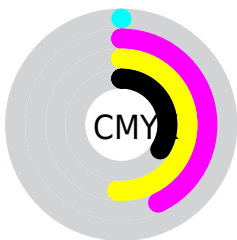
Distribution



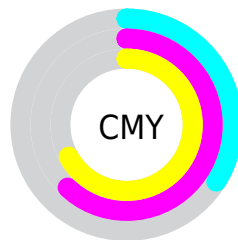
- Red (66%)
- Green (38%)
- Blue (33%)



- Red (66%)
- Yellow (38%)
- Blue (33%)



- Cyan (0%)
- Magenta (43%)
- Yellow (51%)
- Black (34%)



- Cyan (34%)
- Magenta (62%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YUV color 116.3450, -16.4391, 46.1784 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 116.3450, -16.4391, 46.1784 by changing the saturation by 10% instead.

■ 116.3450,
-16.4391, 46.1784

■ 116.3450,
-16.4391, 46.1784

■ 255.0000, 0.0000,
0.0000

■ 90.6760, -15.1233,
44.1341

■ 169.9110,
-18.1971, 50.0671

■ 66.2950, -13.9494,
40.9603

■ 197.0960,
-18.7813, 50.7818

■ 41.7400, -12.1968,
38.8160

■ 216.0230,
-14.8013, 34.1828

■ 18.5270, -9.1338,
36.3718

■ 236.1240,
-11.4001, 16.5543

■ 11.1770, -5.0173,
22.6468

■ 253.5180, -5.6784,
1.2997

■ 0.0000, 0.0000,
0.0000

■ 116.3450,
-16.4391, 46.1784

■ 116.3450,
-16.4391, 46.1784

■ 106.1890,
-19.8132, 55.0852

■ 126.5010,
-13.0650, 37.2716

■ 95.4460, -22.8979,
64.5069

■ 137.2440, -9.9803,
27.8500

■ 85.2900, -26.2720,
73.4137

■ 147.4000, -6.6062,
18.9432

■ 75.1340, -29.6461,
82.3205

■ 157.5560, -3.2321,
10.0364

■ 65.7930, -32.4359,
90.5125

■ 168.1850, -0.5842,
0.7148

■ 178.3410, 2.7899,
-8.1921

■ 188.4970, 6.1640,
-17.0989

■ 199.2400, 9.2487,

-26.5205

■ 209.3960, 12.6228,
-35.4273

Harmonies

Analogous

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



117.7870, -3.3460, 46.6678



116.3450, -16.4391, 46.1784



115.0370, -26.1472, 33.2936

Triad

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



116.3450, -16.4391, 46.1784



103.7380, -6.2798, -39.2352



111.8370, 30.6464, -29.6750

Complementary

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



116.3450, -16.4391, 46.1784



135.6550, 16.4391, -46.1784

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.



92.6410, 37.6450, -81.2462



116.3450, -16.4391, 46.1784



90.6910, 14.9423, -79.5360

Square

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



116.3450, -16.4391, 46.1784



109.4290, -20.9175, -10.9002



93.2960, 27.4621, -81.8206



118.5920, 22.3861, 6.4968

Rectangle

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



116.3450, -16.4391, 46.1784



113.9770, -28.5827, 21.0682



93.2960, 27.4621, -81.8206



107.3190, 32.8737, -44.1298

Sweetspot

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



116.3450, -16.4391, 46.1784



198.8020, -6.3114, 17.7136



117.0360, 19.2093, 45.5724



97.7410, -3.8163, 10.7511



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



116.3450, -16.4391, 46.1784



137.5070, -25.3930, 71.4694



141.5860, -28.8829, 24.0421



78.9790, -1.4686, 4.4034



57.1660, -28.1828, 79.6614



7.7410, -3.8163, 10.7511

Inverse Universe

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



135.6550, 16.4391, -46.1784



167.4930, 25.3930, -71.4694



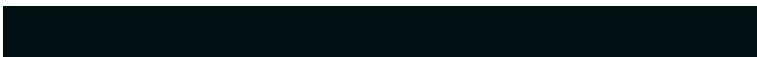
110.4140, 28.8829, -24.0421



81.0210, 1.4686, -4.4034



90.8340, 28.1828, -79.6614



12.2590, 3.8163, -10.7511

Previews

White Background



This preview shows how the YUV color 116.3450, -16.4391, 46.1784 looks on a white background.

Color Contrast Check

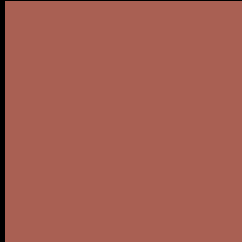
Large Text (above 18pt) WCAG AA ✓ Pass

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 116.3450, -16.4391, 46.1784 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 116.3450, -16.4391, 46.1784 Background



This preview shows how black text looks on a background with the YUV color 116.3450, -16.4391, 46.1784.



This preview shows how white text looks on a background with the YUV color 116.3450, -16.4391,

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

116.3450, -16.4391, 46.1784

Protanopia

115.6560, -11.6624, 7.3177

Deuteranopia

115.8380, -17.6681, 20.3131



Tritanopia

117.4080, -8.5821, 46.1232

Trichromacy



Original Color

116.3450, -16.4391, 46.1784

Protanomaly

115.9890, -13.3056, 21.0576

Deuteranomaly

116.3060, -17.4059, 29.5496

Tritanomaly

117.3110, -11.4923, 46.2083

Monochromacy



Original Color

116.3450, -16.4391, 46.1784

Achromatopsia

116.0000, 0.0000, 0.0000

Achromatomaly

116.2040, -6.0166, 16.4841

CSS Examples

Text

The CSS property to change the color of the text to YUV 116.3450, -16.4391, 46.1784 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(169, 96, 83)` looks like.

```
.text, #text, p{  
    color:rgb(169, 96, 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(169, 96, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 96, 83) }
```

Border

The CSS property to change the border of an element to YUV 116.3450, -16.4391, 46.1784 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(169, 96, 83) }
```


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

```
.border{ border-color:rgb(169, 96, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 96, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 96, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 96, 83);  
box-shadow:4px 4px 4px 4px rgb(169, 96,  
83) }
```

Background

The CSS property to change the background color of an element to YUV 116.3450, -16.4391, 46.1784 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 96, 83) }
```

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

```
.background{ background-color: rgb(169, 96,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor