

Converting Colors

YUV(122.3450, -16.4391,
46.1784)

Have a look what the booklet for
YUV(122.3450, -16.4391, 46.1784)
contains.

YUV(122.3450, -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(122.3450, -16.4391,
46.1784)**

Conversions

Conversions Part 1

Format	Color
Hex	AF6659
RGB	175, 102, 89
RGB Percent	69%, 40%, 35%
CMY	0.3137, 0.6000, 0.6510
CMYK	0.00, 0.42, 0.49, 0.31
HSL	9°, 35%, 52%
HSV	9°, 49%, 69%
XYZ	24.2337, 19.3380, 11.9065
YIQ	122.3450, 47.6810, 11.4330

Conversions

Conversions Part 2

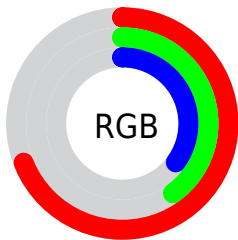
Format	Color
R_{YB}	175, 104, 89
Decimal	11495001
CIE Lab	51.08, 27.91, 20.02
CIE LCh	51, 34.348, 35.644
Yxy	19.3380, 0.4368, 0.3486
Android (android.graphics.Color)	4289685081 (0xFFAF6659)
YUV	122.3450, -16.4391, 46.1784
Hunter-Lab	43.9750, 21.4117, 14.7293

Details

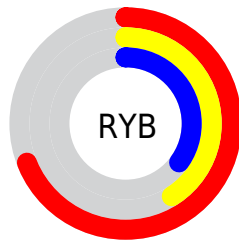
The YUV color $122.3450, -16.4391, 46.1784$ is a dark color, and the websafe version is hex $CC6666$. A complement of this color would be $141.6550, 16.4391, -46.1784$, and the grayscale version is $122.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $175.9110, -18.1971, 50.0671$, and $71.5940, -14.0968, 41.5751$ is the 20% darker color. If you saturate the color by 10%, you get $111.6020, -19.5238, 55.6000$, and if you desaturate by 10%, it is $133.0880, -13.3544, 36.7568$.

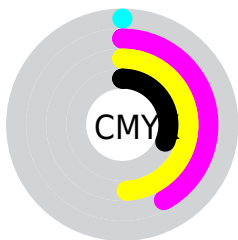
Distribution



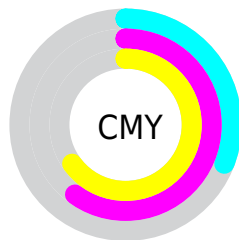
- Red (69%)
- Green (40%)
- Blue (35%)



- Red (69%)
- Yellow (41%)
- Blue (35%)



- Cyan (0%)
- Magenta (42%)
- Yellow (49%)
- Black (31%)



- Cyan (31%)
- Magenta (60%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YUV color 122.3450, -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 122.3450, -16.4391, 46.1784 by changing the saturation by 10% instead.

■ 122.3450,
-16.4391, 46.1784

■ 122.3450,
-16.4391, 46.1784

■ 255.0000, 0.0000,
0.0000

■ 96.6760, -15.1233,
44.1341

■ 175.9110,
-18.1971, 50.0671

■ 71.5940, -14.0968,
41.5751

■ 201.3020,
-17.8969, 47.0931

■ 47.7400, -12.1968,
38.8160

■ 220.9300,
-13.7695, 29.8794

■ 22.6690, -11.1758,
38.0013

■ 240.4440,
-10.0789, 12.7656

■ 12.9710, -5.9017,
26.3354

■ 254.3160, -2.6208,
0.5999

■ 0.0000, 0.0000,
0.0000

122.3450,
-16.4391, 46.1784

122.3450,
-16.4391, 46.1784

111.6020,
-19.5238, 55.6000

133.0880,
-13.3544, 36.7568

100.7450,
-23.0453, 65.1216

143.9450, -9.8329,
27.2352

90.0020, -26.1300,
74.5432

154.6880, -6.7482,
17.8136

79.7320, -29.9409,
83.5500

164.9580, -2.9373,
8.8068

68.8750, -33.4624,
93.0716

175.7010, 0.1474,
-0.6148

67.5870, -33.3204,
94.2012

186.5580, 3.6689,
-10.1364

197.4150, 7.1904,
-19.6580

208.1580, 10.2751,

-29.0796

■ 219.0150, 13.7966,
-38.6012

Harmonies

Analogous

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



123.7870, -3.3460, 46.6678



122.3450, -16.4391, 46.1784



121.4500, -25.8579, 33.8083

Triad

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



122.3450, -16.4391, 46.1784



109.9230, -6.8640, -38.5205



118.1360, 30.4990, -29.0603

Complementary

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



122.3450, -16.4391, 46.1784



141.6550, 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.



96.7330, 38.0926, -84.8348



122.3450, -16.4391, 46.1784



94.7830, 15.3900, -83.1247

Square

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



122.3450, -16.4391, 46.1784



115.7280, -21.0649, -10.2855



97.5020, 28.3465, -85.5093



124.4780, 21.9493, 6.5968

Rectangle

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



122.3450, -16.4391, 46.1784



119.9770, -28.5827, 21.0682



97.5020, 28.3465, -85.5093



114.2160, 32.4315, -42.2854

Sweetspot

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



122.3450, -16.4391, 46.1784



206.1010, -6.4588, 18.3284



123.0360, 19.2093, 45.5724



102.0400, -3.9637, 11.3659



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



122.3450, -16.4391, 46.1784



144.8060, -25.5404, 72.0841



147.5860, -28.8829, 24.0421



81.2780, -1.6161, 5.0182



58.3510, -28.7670, 80.3762



8.6380, -4.2585, 12.5955

Inverse Universe

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



141.6550, 16.4391, -46.1784



175.1940, 25.5404, -72.0841



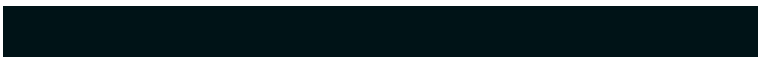
116.4140, 28.8829, -24.0421



83.1350, 1.9054, -4.5034



92.2360, 28.4777, -80.8910



13.7750, 4.5479, -12.0807

Previews

White Background



This preview shows how the YUV color 122.3450, -16.4391, 46.1784 looks on a white 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

Black Background



This preview shows how the YUV color 122.3450, -16.4391, 46.1784 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 122.3450, -16.4391, 46.1784

Background



This preview shows how black text looks on a background with the YUV color 122.3450, -16.4391, 46.1784.



This preview shows how white text looks on a background with the YUV color 122.3450, -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

122.3450, -16.4391, 46.1784

Protanopia

121.6560, -11.6624, 7.3177

Deuteranopia

121.8380, -17.6681, 20.3131



Tritanopia

122.9350, -7.8560, 46.5380

Trichromacy



Original Color

122.3450, -16.4391, 46.1784

Protanomaly

121.9890, -13.3056, 21.0576

Deuteranomaly

122.3060, -17.4059, 29.5496

Tritanomaly

122.7240, -11.2029, 46.7231

Monochromacy



Original Color

122.3450, -16.4391, 46.1784

Achromatopsia

122.0000, 0.0000, 0.0000

Achromatomaly

122.2040, -6.0166, 16.4841

CSS Examples

Text

The CSS property to change the color of the text to YUV 122.3450, -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(175, 102, 89)` looks like.

```
.text, #text, p{  
    color:rgb(175, 102, 89)  
}
```

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(175, 102, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 102, 89) }
```

Border

The CSS property to change the border of an element to YUV 122.3450, -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(175, 102, 89) }
```


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

```
.border{ border-color:rgb(175, 102, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 102, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 102, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 102, 89);  
box-shadow:4px 4px 4px 4px rgb(175, 102,  
89) }
```

Background

The CSS property to change the background color of an element to YUV 122.3450, -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(175, 102, 89) }
```

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

```
.background{ background-color: rgb(175,  
102, 89) }
```

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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