

Converting Colors

YUV(124.4350, -16.4835,
13.6505)

Have a look what the booklet for
YUV(124.4350, -16.4835, 13.6505)
contains.

YUV(124.4350, -16.4835, 13.6505)	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(124.4350, -16.4835,
13.6505)**

Conversions

Conversions Part 1

Format	Color
Hex	8C7B5B
RGB	140, 123, 91
RGB Percent	55%, 48%, 36%
CMY	0.4510, 0.5176, 0.6431
CMYK	0.00, 0.12, 0.35, 0.45
HSL	39°, 21%, 45%
HSV	39°, 35%, 55%
XYZ	19.7865, 20.4967, 12.8109
YIQ	124.4350, 20.4040, -6.3480

Conversions

Conversions Part 2

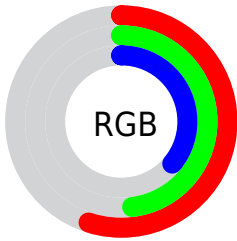
Format	Color
R_{YB}	117, 140, 91
Decimal	9206619
CIE Lab	52.39, 1.53, 19.92
CIE LCh	52, 19.977, 85.606
Yxy	20.4967, 0.3727, 0.3860
Android (android.graphics.Color)	4287396699 (0xFF8C7B5B)
YUV	124.4350, -16.4835, 13.6505
Hunter-Lab	45.2733, -1.2155, 14.9141

Details

The YUV color $124.4350, -16.4835, 13.6505$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $106.5650, 16.4835, -13.6505$, and the grayscale version is $125.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $176.8050, -17.6519, 15.0800$, and $75.1790, -14.8782, 12.1210$ is the 20% darker color. If you saturate the color by 10%, you get $119.9040, -21.1517, 17.6242$, and if you desaturate by 10%, it is $128.9660, -11.8152, 9.6768$.

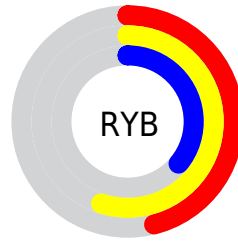
Distribution



Red (55%)

Green (48%)

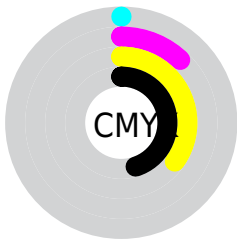
Blue (36%)



Red (46%)

Yellow (55%)

Blue (36%)

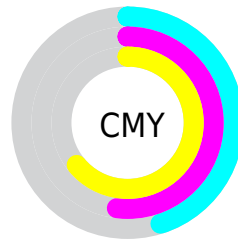


Cyan (0%)

Magenta (12%)

Yellow (35%)

Black (45%)



Cyan (45%)

Magenta (52%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YUV color 124.4350, -16.4835, 13.6505 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 124.4350, -16.4835, 13.6505 by changing the saturation by 10% instead.

■ 124.4350,
-16.4835, 13.6505

■ 124.4350,
-16.4835, 13.6505

■ 255.0000, 0.0000,
0.0000

■ 99.2500, -15.8993,
12.9358

■ 176.8050,
-17.6519, 15.0800

■ 75.1790, -14.8782,
12.1210

■ 204.9900,
-18.2361, 15.7948

■ 52.5810, -14.5834,
10.8915

■ 232.8760,
-18.6729, 15.8947

■ 31.0540, -15.3096,
10.4766

■ 251.3520,
-13.9775, 3.1993

■ 8.8930, -4.3842,
6.2328

■ 254.6580, -1.3104,
0.2999

■ 0.0000, 0.0000,
0.0000

■ 124.4350,
-16.4835, 13.6505

■ 124.4350,
-16.4835, 13.6505

■ 119.9040,
-21.1517, 17.6242

■ 128.9660,
-11.8152, 9.6768

■ 115.3730,
-25.8199, 21.5979

■ 133.4970, -7.1470,
5.7031

■ 110.8420,
-30.4881, 25.5716

■ 138.0280, -2.4788,
1.7294

■ 106.8980,
-35.4457, 29.0305

■ 141.9720, 2.4788,
-1.7294

■ 102.3670,
-40.1139, 33.0041

■ 146.5030, 7.1470,
-5.7031

■ 97.8360, -44.7821,
36.9778

■ 151.0340, 11.8152,
-9.6768

■ 95.2770, -46.9716,
39.2221

■ 155.5650, 16.4835,
-13.6505

■ 160.0960, 21.1517,

-17.6242

■ 164.6270, 25.8199,
-21.5979

Harmonies

Analogous

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



125.4840, -14.0426, 24.1315



124.4350, -16.4835, 13.6505



122.3300, -13.9667, -0.2894

Triad

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



124.4350, -16.4835, 13.6505



116.9290, 10.8810, -36.7717



127.9770, 8.3923, 14.9292

Complementary

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



124.4350, -16.4835, 13.6505



106.5650, 16.4835, -13.6505

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.



125.8870, 14.8457, -1.6549



124.4350, -16.4835, 13.6505



119.1450, 16.6905, -33.4532

Square

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



124.4350, -16.4835, 13.6505



118.2690, 1.8394, -30.0539



122.5750, 17.9575, -19.7983



127.8660, 0.0661, 25.5505

Rectangle

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



124.4350, -16.4835, 13.6505



121.0020, -9.8610, -10.5258



122.5750, 17.9575, -19.7983



127.8130, 10.4452, 9.8110

Sweetspot

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



124.4350, -16.4835, 13.6505



174.6110, -6.7102, 5.6032



107.5890, 0.2026, 28.4244



88.2840, -4.0840, 3.2589



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000

Same Dimension

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



124.4350, -16.4835, 13.6505



157.0740, -25.6725, 20.9831



132.3210, -20.3713, 0.5955



66.4410, -2.1894, 2.2442



90.8360, -44.7821, 36.9778



3.2560, -1.6052, 1.5295

Inverse Universe

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



106.5650, 16.4835, -13.6505



128.9260, 25.6725, -20.9831



98.6790, 20.3713, -0.5955



63.9720, 2.4788, -1.7294



42.1640, 44.7821, -36.9778



1.7440, 1.6052, -1.5295

Previews

White Background



This preview shows how the YUV color 124.4350, -16.4835, 13.6505 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 124.4350, -16.4835, 13.6505 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

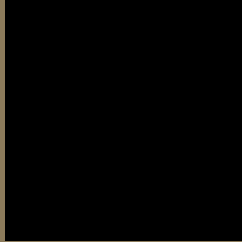
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 124.4350, -16.4835, 13.6505

Background



This preview shows how black text looks on a background with the YUV color 124.4350, -16.4835, 13.6505.



This preview shows how white text looks on a background with the YUV color 124.4350, -16.4835, 13.6505.

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

124.4350, -16.4835, 13.6505

Protanopia

123.9290, -15.7410, 8.8323

Deuteranopia

125.1800, -16.3577, 20.0131



Tritanopia

126.8000, 0.0986, 15.0844

Trichromacy



Original Color

124.4350, -16.4835, 13.6505

Protanomaly

123.9400, -15.7464, 10.5766

Deuteranomaly

124.8700, -16.2049, 17.6540

Tritanomaly

126.1930, -6.0111, 14.7397

Monochromacy



Original Color

124.4350, -16.4835, 13.6505

Achromatopsia

124.0000, 0.0000, 0.0000

Achromatomaly

124.4260, -6.1260, 4.8884

CSS Examples

Text

The CSS property to change the color of the text to YUV 124.4350, -16.4835, 13.6505 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(140, 123, 91)` looks like.

```
.text, #text, p{  
    color:rgb(140, 123, 91)  
}
```

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(140, 123, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 123, 91) }
```

Border

The CSS property to change the border of an element to YUV 124.4350, -16.4835, 13.6505 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(140, 123, 91) }
```


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

```
.border{ border-color:rgb(140, 123, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 123, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 123, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 123, 91);  
box-shadow:4px 4px 4px 4px rgb(140, 123,  
91) }
```

Background

The CSS property to change the background color of an element to YUV 124.4350, -16.4835, 13.6505 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 123, 91) }
```

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

```
.background{ background-color: rgb(140,  
123, 91) }
```

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