

# Converting Colors

YUV(134.5550, -48.5876,  
44.2403)

Have a look what the booklet for  
YUV(134.5550, -48.5876, 44.2403)  
contains.

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# Color

**YUV(134.5550, -48.5876,  
44.2403)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B98024
RGB	185, 128, 36
RGB Percent	73%, 50%, 14%
CMY	0.2745, 0.4980, 0.8588
CMYK	0.00, 0.31, 0.81, 0.27
HSL	37°, 67%, 43%
HSV	37°, 81%, 73%
XYZ	28.0452, 25.8800, 5.1863
YIQ	134.5550, 63.5040, -16.5280

# Conversions

## Conversions Part 2

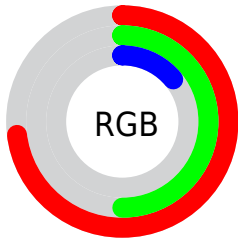
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	128, 185, 36
Decimal	12156964
CIE Lab	57.92, 14.24, 54.96
CIE LCh	58, 56.770, 75.475
Yxy	25.8800, 0.4744, 0.4378
Android (android.graphics.Color)	4290347044 (0xFFB98024)
YUV	134.5550, -48.5876, 44.2403
Hunter-Lab	50.8724, 9.3777, 29.5663

# Details

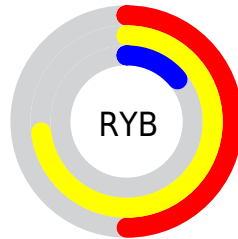
The YUV color **134.5550, -48.5876, 44.2403** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **86.4450, 48.5876, -44.2403**, and the grayscale version is **135.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **189.6480, -49.6195, 48.5437**, and **84.3460, -41.5826, 37.4076** is the 20% darker color. If you saturate the color by 10%, you get **128.3940, -54.4242, 49.6435**, and if you desaturate by 10%, it is **140.8300, -42.3142, 38.7371**.

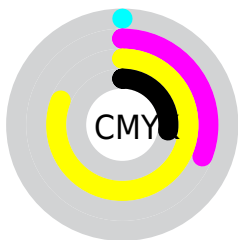
# Distribution



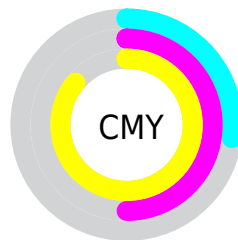
- Red (73%)
- Green (50%)
- Blue (14%)



- Red (50%)
- Yellow (73%)
- Blue (14%)



- Cyan (0%)
- Magenta (31%)
- Yellow (81%)
- Black (27%)



- Cyan (27%)
- Magenta (50%)
- Yellow (86%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 134.5550, -48.5876, 44.2403 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 134.5550, -48.5876, 44.2403 by changing the saturation by 10% instead.



■ 134.5550,  
-48.5876, 44.2403

■ 134.5550,  
-48.5876, 44.2403

■ 255.0000, 0.0000,  
0.0000

■ 107.2190,  
-52.3660, 42.7809

■ 189.6480,  
-49.6195, 48.5437

■ 84.3460, -41.5826,  
37.4076

■ 211.4510,  
-47.5503, 38.1925

■ 62.4730, -30.7992,  
32.0342

■ 230.9650,  
-43.8597, 21.0787

■ 41.7740, -20.5946,  
25.6312

■ 245.1960,  
-37.5646, 8.5981

■ 21.6730, -10.6848,  
20.4578

■ 248.3880,  
-25.3343, 5.7987

■ 3.8870, -1.9163,  
7.9921

■ 251.5800,

■ 0.0000, 0.0000,

-13.1039, 2.9993

0.0000

■ 134.5550,  
-48.5876, 44.2403

■ 134.5550,  
-48.5876, 44.2403

■ 128.3940,  
-54.4242, 49.6435

■ 140.8300,  
-42.3142, 38.7371

■ 122.2330,  
-60.2609, 55.0467

■ 146.9910,  
-36.4776, 33.3339

■ 153.2660,  
-30.2041, 27.8307

■ 159.4270,  
-24.3675, 22.4275

■ 165.7020,  
-18.0941, 16.9243

■ 171.8630,  
-12.2575, 11.5211

■ 178.7250, -6.2734,  
5.5032

■ 184.8860, -0.4368,  
0.1000

■ 191.1610, 5.8366,  
-5.4032

# Harmonies

## Analogous

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



136.2590, -32.6657, 70.8099



134.5550, -48.5876, 44.2403



130.9220, -48.7685, 8.8384

# Triad

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



134.5550, -48.5876, 44.2403



114.3770, 24.4641, -100.3086



143.3570, 32.3620, 26.8739

# Complementary

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



134.5550, -48.5876, 44.2403



86.4450, 48.5876, -44.2403

# 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.



134.4290, 49.5815, -36.3332



134.5550, -48.5876, 44.2403



117.7460, 44.9882, -103.2632

# Square

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



134.5550, -48.5876, 44.2403



107.3890, 2.7662, -94.1802



116.0140, 58.6601, -101.7443



140.0450, 12.3028, 67.4895



# Rectangle

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



134.5550, -48.5876, 44.2403



127.1340, -37.0411, -19.4115



116.0140, 58.6601, -101.7443



142.4410, 38.2366, 9.2602

# Sweetspot

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



134.5550, -48.5876, 44.2403



220.4740, -18.9677, 17.1243



87.0490, 2.9338, 85.9030



108.3790, -11.5258, 10.1916



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000



# Same Dimension

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



134.5550, -48.5876, 44.2403



161.1950, -76.0181, 69.1120



162.9310, -62.5770, 4.4455



88.6260, -2.7736, 2.9590



102.9960, -50.7770, 46.4845



18.3510, -9.0470, 8.4622



# Inverse Universe

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



86.4450, 48.5876, -44.2403



85.8050, 76.0181, -69.1120



58.0690, 62.5770, -4.4455



85.7870, 3.0630, -2.4442



53.0040, 50.7770, -46.4845



9.6490, 9.0470, -8.4622



# Previews

## White Background



This preview shows how the YUV color 134.5550, -48.5876, 44.2403 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 134.5550, -48.5876, 44.2403 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

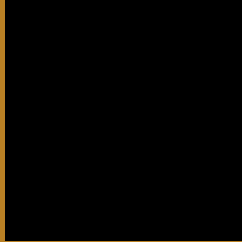
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YUV 134.5550, -48.5876, 44.2403

## Background



This preview shows how black text looks on a background with the YUV color 134.5550, -48.5876, 44.2403.



This preview shows how white text looks on a background with the YUV color 134.5550, -48.5876, 44.2403.



# 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

134.5550, -48.5876, 44.2403

### Protanopia

133.5690, -46.6225, 20.5490

### Deuteranopia

133.9840, -49.2921, 36.8480



## Tritanopia

141.2550, -6.5347, 42.7494

# Trichromacy



## Original Color

134.5550, -48.5876, 44.2403

## Protanomaly

134.0970, -47.3758, 28.8559

## Deuteranomaly

134.4080, -49.0081, 39.1072

## Tritanomaly

138.6560, -21.5224, 43.2747

# Monochromacy



## Original Color

134.5550, -48.5876, 44.2403

## Achromatopsia

135.0000, 0.0000, 0.0000

## Achromatomaly

134.5170, -17.5099, 16.2096

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 134.5550, -48.5876, 44.2403 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(185, 128, 36)` looks like.

```
.text, #text, p{  
    color:rgb(185, 128, 36)  
}
```

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(185, 128, 36) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 128, 36) }
```

## Border

The CSS property to change the border of an element to YUV 134.5550, -48.5876, 44.2403 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(185, 128, 36) }
```



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

```
.border{ border-color:rgb(185, 128, 36) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 128, 36)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 128, 36); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 128, 36);  
box-shadow:4px 4px 4px 4px rgb(185, 128,  
36) }
```

# Background

The CSS property to change the background color of an element to YUV 134.5550, -48.5876, 44.2403 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 128, 36) }
```

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

```
.background{ background-color: rgb(185,  
128, 36) }
```

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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