

# Converting Colors

YUV(158.9060, -24.1107,  
33.4084)

Have a look what the booklet for  
YUV(158.9060, -24.1107, 33.4084)  
contains.

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# Color

**YUV(158.9060, -24.1107,  
33.4084)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C5956E
RGB	197, 149, 110
RGB Percent	77%, 58%, 43%
CMY	0.2275, 0.4157, 0.5686
CMYK	0.00, 0.24, 0.44, 0.23
HSL	27°, 43%, 60%
HSV	27°, 44%, 77%
XYZ	36.5879, 34.4910, 19.4809
YIQ	158.9060, 41.1270, -1.9530

# Conversions

## Conversions Part 2

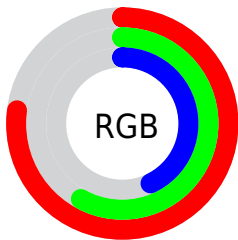
<b>Format</b>	<b>Color</b>
<b>RYB</b>	197, 181, 110
Decimal	12948846
CIELab	65.35, 13.07, 27.56
CIELCh	65, 30.506, 64.624
Yxy	34.4910, 0.4040, 0.3809
Android (android.graphics.Color)	4291138926 (0xFFC5956E)
YUV	158.9060, -24.1107, 33.4084
Hunter-Lab	58.7290, 8.4287, 21.4434

# Details

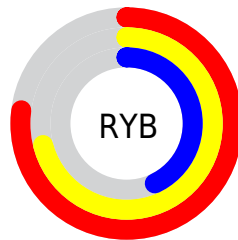
The YUV color **158.9060, -24.1107, 33.4084** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **148.0940, 24.1107, -33.4084**, and the grayscale version is **159.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **213.8740, -25.5739, 36.0675**, and **106.7530, -22.0632, 30.0346** is the 20% darker color. If you saturate the color by 10%, you get **150.1690, -29.6633, 41.0708**, and if you desaturate by 10%, it is **167.6430, -18.5580, 25.7461**.

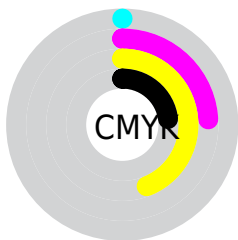
# Distribution



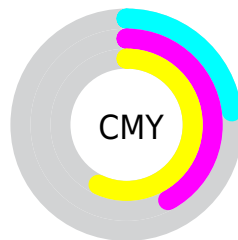
- Red (77%)
- Green (58%)
- Blue (43%)



- Red (77%)
- Yellow (71%)
- Blue (43%)



- Cyan (0%)
- Magenta (24%)
- Yellow (44%)
- Black (23%)



- Cyan (23%)
- Magenta (42%)
- Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 158.9060, -24.1107, 33.4084 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 158.9060, -24.1107, 33.4084 by changing the saturation by 10% instead.



■ 158.9060,  
-24.1107, 33.4084

■ 158.9060,  
-24.1107, 33.4084

■ 255.0000, 0.0000,  
0.0000

■ 132.4220,  
-23.3790, 32.0789

■ 213.8740,  
-25.5739, 36.0675

■ 106.7530,  
-22.0632, 30.0346

■ 233.3880,  
-21.8833, 18.9537

■ 81.9700, -21.1842,  
28.0903

■ 250.6680,  
-16.5983, 3.7992

■ 58.7740, -20.5946,  
25.6312

■ 253.9740, -3.9312,  
0.8998

■ 36.4470, -17.9684,  
23.2870

■ 16.0580, -7.9166,  
19.2431

■ 0.0000, 0.0000,

0.0000

■ 158.9060,  
-24.1107, 33.4084

■ 158.9060,  
-24.1107, 33.4084

■ 150.1690,  
-29.6633, 41.0708

■ 167.6430,  
-18.5580, 25.7461

■ 141.5460,  
-34.7792, 48.6332

■ 176.2660,  
-13.4421, 18.1837

■ 132.8090,  
-40.3318, 56.2955

■ 185.0030, -7.8895,  
10.5214

■ 124.6590,  
-46.1739, 63.4431

■ 193.1530, -2.0474,  
3.3738

■ 116.0360,  
-51.2897, 71.0054

■ 201.8900, 3.5052,  
-4.2885

■ 110.5590,  
-54.5056, 75.8088

■ 210.5130, 8.6211,  
-11.8509

■ 219.2500, 14.1738,  
-19.5132

■ 226.5050, 14.0480,  
-25.8759

■ 232.9620, 10.8647,  
-31.5387

# Harmonies

## Analogous

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



160.5620, -15.5601, 44.2341



158.9060, -24.1107, 33.4084



156.3290, -25.7982, 14.6205

# Triad

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



158.9060, -24.1107, 33.4084



144.8250, 8.4673, -55.9745



161.5380, 20.9338, 5.6672

# Complementary

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



158.9060, -24.1107, 33.4084



148.0940, 24.1107, -33.4084

# 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.



156.4740, 27.8673, -24.9717



158.9060, -24.1107, 33.4084



142.2440, 23.0507, -66.8660

# Square

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



158.9060, -24.1107, 33.4084



149.7280, -7.7539, -33.0875



148.5260, 28.8277, -53.0813



163.1190, 9.8013, 29.7136



# Rectangle

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



158.9060, -24.1107, 33.4084



154.6260, -22.9866, -0.5490



148.5260, 28.8277, -53.0813



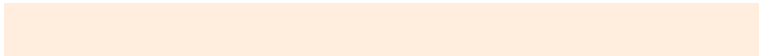
160.1670, 23.5817, -3.6545

# Sweetspot

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



158.9060, -24.1107, 33.4084



240.6720, -9.2053, 12.5657



141.5990, 8.5787, 48.5867



118.5620, -5.7001, 8.2771



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000



# Same Dimension

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



158.9060, -24.1107, 33.4084



195.5850, -37.2634, 52.1070



183.5600, -36.2651, 11.7869



95.0390, -2.4842, 3.4738



91.5880, -45.1529, 62.6283



20.1560, -9.9369, 13.8952



# Inverse Universe

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



148.0940, 24.1107, -33.4084



178.8280, 37.5528, -51.5922



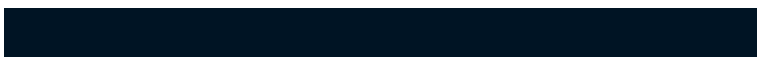
123.4400, 36.2651, -11.7869



93.9610, 2.4842, -3.4738



71.4120, 45.1529, -62.6283



15.8440, 9.9369, -13.8952



# Previews

## White Background



This preview shows how the YUV color 158.9060, -24.1107, 33.4084 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 158.9060, -24.1107, 33.4084 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

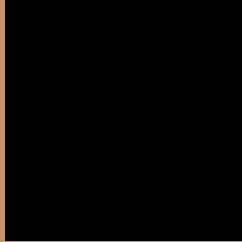
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 158.9060, -24.1107, 33.4084 Background



This preview shows how black text looks on a background with the YUV color 158.9060, -24.1107, 33.4084.



This preview shows how white text looks on a background with the YUV color 158.9060, -24.1107, 33.4084.



# 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

158.9060, -24.1107, 33.4084

### Protanopia

157.4580, -21.4248, 11.8763

### Deuteranopia

158.4600, -24.3838, 27.6606



## Tritanopia

161.5960, -3.7448, 34.5573

# Trichromacy



## Original Color

158.9060, -24.1107, 33.4084

## Protanomaly

157.6870, -22.0307, 19.5685

## Deuteranomaly

158.7700, -24.5366, 30.0197

## Tritanomaly

160.6470, -11.1650, 34.5126

# Monochromacy



## Original Color

158.9060, -24.1107, 33.4084

## Achromatopsia

159.0000, 0.0000, 0.0000

## Achromatomaly

158.7860, -8.7685, 12.4657

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 158.9060, -24.1107, 33.4084 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(197, 149, 110)` looks like.

```
.text, #text, p{  
    color:rgb(197, 149, 110)  
}
```

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(197, 149, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 149, 110) }
```

## Border

The CSS property to change the border of an element to YUV 158.9060, -24.1107, 33.4084 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(197, 149, 110) }
```



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

```
.border{ border-color:rgb(197, 149, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 149, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 149, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 149, 110);  
box-shadow:4px 4px 4px 4px rgb(197, 149,  
110) }
```

# Background

The CSS property to change the background color of an element to YUV 158.9060, -24.1107, 33.4084 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 149, 110) }
```

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

```
.background{ background-color: rgb(197,  
149, 110) }
```

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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