

# Converting Colors

YUV(165.4550, -23.3953,  
37.3120)

Have a look what the booklet for  
YUV(165.4550, -23.3953, 37.3120)  
contains.

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# Color

**YUV(165.4550, -23.3953,  
37.3120)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D09976
RGB	208, 153, 118
RGB Percent	82%, 60%, 46%
CMY	0.1843, 0.4000, 0.5373
CMYK	0.00, 0.26, 0.43, 0.18
HSL	23°, 49%, 64%
HSV	23°, 43%, 82%
XYZ	40.6737, 37.5004, 22.2341
YIQ	165.4550, 44.0150, 0.7750

# Conversions

## Conversions Part 2

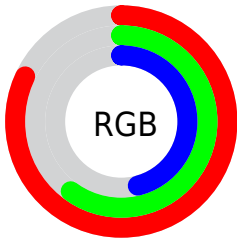
Format	Color
RYB	208, 175, 118
Decimal	13670774
CIELab	67.65, 16.22, 26.45
CIELCh	68, 31.030, 58.479
Yxy	37.5004, 0.4051, 0.3735
Android (android.graphics.Color)	4291860854 (0xFFD09976)
YUV	165.4550, -23.3953, 37.3120
Hunter-Lab	61.2375, 11.3931, 21.3393

# Details

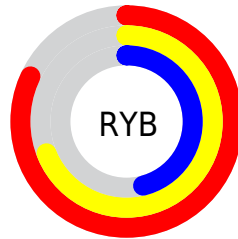
The YUV color  $165.4550, -23.3953, 37.3120$  is a light color, and the websafe version is hex  $CC9966$ . A complement of this color would be  $160.5450, 23.3953, -37.3120$ , and the grayscale version is  $166.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $217.1340, -23.2371, 33.2085$ , and  $112.8890, -21.6373, 33.4233$  is the 20% darker color. If you saturate the color by 10%, you get  $155.4300, -28.8060, 46.1039$ , and if you desaturate by 10%, it is  $175.4800, -17.9846, 28.5200$ .

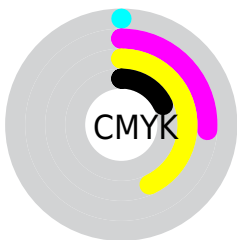
# Distribution



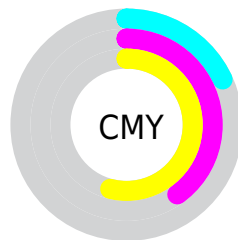
- Red (82%)
- Green (60%)
- Blue (46%)



- Red (82%)
- Yellow (69%)
- Blue (46%)



- Cyan (0%)
- Magenta (26%)
- Yellow (43%)
- Black (18%)



- Cyan (18%)
- Magenta (40%)
- Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 165.4550, -23.3953, 37.3120 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 165.4550, -23.3953, 37.3120 by changing the saturation by 10% instead.



■ 165.4550,  
-23.3953, 37.3120

■ 165.4550,  
-23.3953, 37.3120

255.0000, 0.0000,  
0.0000

■ 138.6720,  
-22.5163, 35.3677

■ 217.1340,  
-23.2371, 33.2085

■ 112.8890,  
-21.6373, 33.4233

■ 237.3490,  
-19.3991, 15.4799

■ 88.1060, -20.7583,  
31.4790

■ 251.6940,  
-12.6671, 2.8994

■ 64.1380, -19.2950,  
28.8200

■ 40.8990, -20.1632,  
27.2756

■ 20.7980, -10.2534,  
22.1022

■ 4.4850, -2.2111,

9.2217

0.0000, 0.0000,  
0.0000

165.4550,  
-23.3953, 37.3120

165.4550,  
-23.3953, 37.3120

155.4300,  
-28.8060, 46.1039

175.4800,  
-17.9846, 28.5200

145.9920,  
-34.5061, 54.3810

184.9180,  
-12.2846, 20.2429

136.0810,  
-39.4799, 63.0730

194.8290, -7.3107,  
11.5510

126.0560,  
-44.8906, 71.8649

204.8540, -1.9000,  
2.7590

116.0310,  
-50.3013, 80.6568

214.8790, 3.5107,  
-6.0329

■ 109.7390,  
-54.1013, 86.1749

■ 224.3170, 9.2107,  
-14.3100

■ 233.3160, 10.6902,  
-22.2021

■ 240.9470, 6.9281,  
-28.8945

# Harmonies

## Analogous

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



167.3280, -13.9657, 46.1933



165.4550, -23.3953, 37.3120



163.4220, -26.8300, 18.9239

# Triad

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



165.4550, -23.3953, 37.3120



151.3370, 5.2569, -52.9155



167.0750, 23.1340, -0.0658

# Complementary

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



165.4550, -23.3953, 37.3120



160.5450, 23.3953, -37.3120

# 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.



161.0710, 29.0520, -31.6343



165.4550, -23.3953, 37.3120



147.9620, 20.7247, -67.4957

# Square

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



165.4550, -23.3953, 37.3120



156.3650, -10.5329, -28.3841



152.6070, 29.2807, -58.4143



169.0800, 12.2856, 26.2398



# Rectangle

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



165.4550, -23.3953, 37.3120



161.2030, -24.7501, 5.0840



152.6070, 29.2807, -58.4143



165.1060, 26.0767, -10.6170

# Sweetspot

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



165.4550, -23.3953, 37.3120



239.4980, -8.6265, 13.5953



151.1800, 10.7573, 49.8311



117.9750, -5.4107, 8.7919



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.



165.4550, -23.3953, 37.3120



192.2910, -34.6535, 54.9958



191.2830, -36.1285, 14.6608



99.6370, -2.7790, 4.7034



88.3870, -43.5748, 69.8206



21.6510, -10.6739, 16.9691

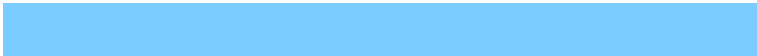


# Inverse Universe

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



160.5450, 23.3953, -37.3120



184.7090, 34.6535, -54.9958



134.1300, 36.4179, -14.1460



98.7760, 3.0684, -4.1886



79.6130, 43.5748, -69.8206



19.3490, 10.6739, -16.9691



# Previews

## White Background



This preview shows how the YUV color 165.4550, -23.3953, 37.3120 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

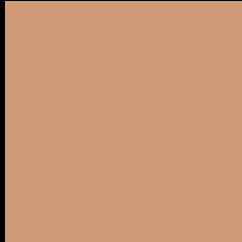
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 165.4550, -23.3953, 37.3120 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

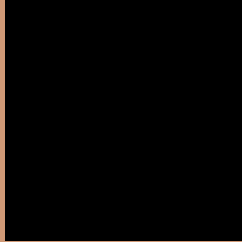
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 165.4550, -23.3953, 37.3120

## Background



This preview shows how black text looks on a background with the YUV color 165.4550, -23.3953, 37.3120.



This preview shows how white text looks on a background with the YUV color 165.4550, -23.3953,

37.3120.

# 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

165.4550, -23.3953, 37.3120

### Protanopia

163.8000, -20.1144, 11.5764

### Deuteranopia

164.6880, -23.5102, 27.4606



## Tritanopia

168.3900, -4.6293, 38.2460

# Trichromacy



## Original Color

165.4550, -23.3953, 37.3120

## Protanomaly

164.5130, -21.4519, 20.5981

## Deuteranomaly

164.7100, -23.5210, 30.9493

## Tritanomaly

167.5550, -11.6126, 38.1013

# Monochromacy



## Original Color

165.4550, -23.3953, 37.3120

## Achromatopsia

165.0000, 0.0000, 0.0000

## Achromatomaly

165.4980, -8.6265, 13.5953

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 165.4550, -23.3953, 37.3120 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(208, 153, 118)` looks like.

```
.text, #text, p{  
    color:rgb(208, 153, 118)  
}
```

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(208, 153, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 153, 118) }
```

## Border

The CSS property to change the border of an element to YUV 165.4550, -23.3953, 37.3120 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(208, 153, 118) }
```



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

```
.border{ border-color:rgb(208, 153, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 153, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 153, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 153, 118);  
box-shadow:4px 4px 4px 4px rgb(208, 153,  
118) }
```

# Background

The CSS property to change the background color of an element to YUV 165.4550, -23.3953, 37.3120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 153, 118) }
```

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

```
.background{ background-color: rgb(208,  
153, 118) }
```

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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