

# Converting Colors

YUV(165.5470, -2.7347,  
37.2313)

Have a look what the booklet for  
YUV(165.5470, -2.7347, 37.2313)  
contains.

<b>YUV(165.5470, -2.7347, 37.2313)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(165.5470, -2.7347,  
37.2313)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D091A0
RGB	208, 145, 160
RGB Percent	82%, 57%, 63%
CMY	0.1843, 0.4314, 0.3725
CMYK	0.00, 0.30, 0.23, 0.18
HSL	346°, 40%, 69%
HSV	346°, 30%, 82%
XYZ	42.4830, 36.1988, 38.0057
YIQ	165.5470, 32.7330, 18.0210

# Conversions

## Conversions Part 2

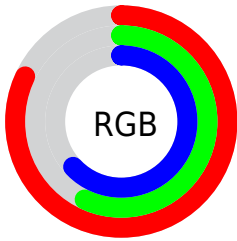
Format	Color
R <sub>Y</sub> B	208, 145, 160
Decimal	13668768
CIE Lab	66.67, 25.95, 1.72
CIE LCh	67, 26.006, 3.789
Yxy	36.1988, 0.3641, 0.3102
Android (android.graphics.Color)	4291858848 (0xFFD091A0)
YUV	165.5470, -2.7347, 37.2313
Hunter-Lab	60.1654, 20.7500, 4.6631

# Details

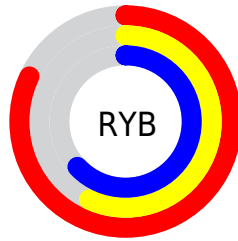
The YUV color  $165.5470, -2.7347, 37.2313$  is a light color, and the websafe version is hex  $CC9999$ . A complement of this color would be  $187.4530, 2.7347, -37.2313$ , and the grayscale version is  $166.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $217.5680, -1.2660, 32.8279$ , and  $113.0520, -1.9976, 34.1574$  is the 20% darker color. If you saturate the color by 10%, you get  $151.3960, -3.6462, 49.6417$ , and if you desaturate by 10%, it is  $179.6980, -1.8231, 24.8209$ .

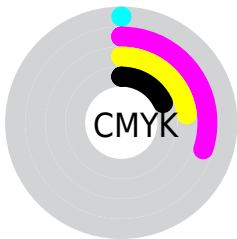
# Distribution



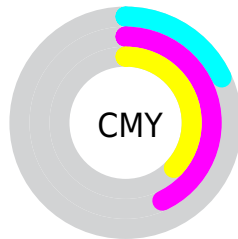
- Red (82%)
- Green (57%)
- Blue (63%)



- Red (82%)
- Yellow (57%)
- Blue (63%)



- Cyan (0%)
- Magenta (30%)
- Yellow (23%)
- Black (18%)



- Cyan (18%)
- Magenta (43%)
- Yellow (37%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 165.5470, -2.7347, 37.2313 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 165.5470, -2.7347, 37.2313 by changing the saturation by 10% instead.



■ 165.5470, -2.7347,  
37.2313

■ 165.5470, -2.7347,  
37.2313

255.0000, 0.0000,  
0.0000

■ 138.9490, -2.4399,  
36.0017

■ 217.5680, -1.2660,  
32.8279

■ 113.0520, -1.9976,  
34.1574

■ 237.7830, 2.5720,  
15.0993

■ 87.7530, -1.8502,  
33.5426

■ 63.8560, -1.4080,  
31.6983

■ 40.1870, -0.0922,  
29.6540

■ 17.7030, 0.6394,  
28.3245

■ 7.2900, -3.1010,

14.6547

■ 0.0000, 0.0000,  
0.0000

■ 165.5470, -2.7347,  
37.2313

■ 165.5470, -2.7347,  
37.2313

■ 151.3960, -3.6462,  
49.6417

■ 179.6980, -1.8231,  
24.8209

■ 137.2450, -4.5578,  
62.0521

■ 193.8490, -0.9116,  
12.4104

■ 123.6810, -5.7587,  
73.9478

■ 207.4130, 0.2894,  
0.5148

■ 109.6440, -6.2335,  
86.2582

■ 221.4500, 0.7642,  
-11.7956

■ 95.4930, -7.1450,  
98.6686

■ 235.6010, 1.6757,  
-24.2061

■ 81.3420, -8.0566,  
111.0791

■ 240.9470, 6.9281,  
-28.8945

■ 67.8920, -8.8208,  
122.8747

# Harmonies

## Analogous

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



166.0430, 8.3598, 25.3953



165.5470, -2.7347, 37.2313



164.0990, -13.3598, 38.5012

# Triad

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



165.5470, -2.7347, 37.2313



158.3740, -17.4394, -6.4670



154.6260, 23.8484, -42.6450

# Complementary

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



165.5470, -2.7347, 37.2313



187.4530, 2.7347, -37.2313

# 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.



150.6650, 17.9132, -52.3262



165.5470, -2.7347, 37.2313



154.7010, -6.7546, -26.9248

# Square

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



165.5470, -2.7347, 37.2313



160.8280, -22.5932, 13.3058



151.3210, 6.2507, -45.0085



160.3560, 23.4885, -20.4832



# Rectangle

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



165.5470, -2.7347, 37.2313



162.9860, -18.7271, 33.3383



151.3210, 6.2507, -45.0085



153.2510, 22.5543, -47.5781

# Sweetspot

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



165.5470, -2.7347, 37.2313



239.5610, -0.7696, 13.5400



166.2350, 20.5901, 22.5959



117.9410, -0.4639, 8.8217



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.



165.5470, -2.7347, 37.2313



193.0160, -3.9519, 54.3600



173.2290, -13.9169, 30.4942



97.6310, -0.3111, 6.4626



54.7920, -7.2925, 99.2834



13.3990, -1.6757, 24.2061



# Inverse Universe

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



165.5470, -2.7347, 37.2313



193.0160, -3.9519, 54.3600



179.7710, 13.9169, -30.4942



97.6310, -0.3111, 6.4626



54.7920, -7.2925, 99.2834



13.3990, -1.6757, 24.2061



# Previews

## White Background



This preview shows how the YUV color 165.5470, -2.7347, 37.2313 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

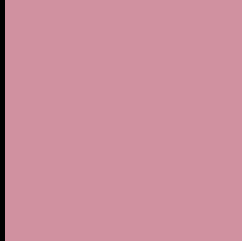
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 165.5470, -2.7347, 37.2313 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

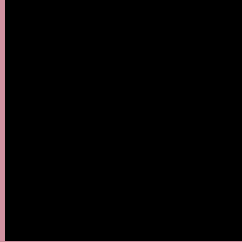
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 165.5470, -2.7347, 37.2313

## Background



This preview shows how black text looks on a background with the YUV color 165.5470, -2.7347, 37.2313.



This preview shows how white text looks on a background with the YUV color 165.5470, -2.7347,



# 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

165.5470, -2.7347, 37.2313

### Protanopia

163.2110, 3.3470, -0.1850

### Deuteranopia

163.9910, -2.9536, 14.0399



## Tritanopia

165.7920, -4.3345, 37.0164

# Trichromacy



## Original Color

165.5470, -2.7347, 37.2313

## Protanomaly

164.0170, 0.9776, 13.1401

## Deuteranomaly

164.7470, -2.8333, 22.1469

## Tritanomaly

165.9060, -3.8977, 36.9164

# Monochromacy



## Original Color

165.5470, -2.7347, 37.2313

## Achromatopsia

166.0000, 0.0000, 0.0000

## Achromatomaly

165.5610, -0.7696, 13.5400

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 165.5470, -2.7347, 37.2313 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, 145, 160)` looks like.

```
.text, #text, p{  
    color:rgb(208, 145, 160)  
}
```

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, 145, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 145, 160) }
```

## Border

The CSS property to change the border of an element to YUV 165.5470, -2.7347, 37.2313 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, 145, 160) }
```



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

```
.border{ border-color:rgb(208, 145, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 145, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 145, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 145, 160);  
box-shadow:4px 4px 4px 4px rgb(208, 145,  
160) }
```

# Background

The CSS property to change the background color of an element to YUV 165.5470, -2.7347, 37.2313 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 145, 160) }
```

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

```
.background{ background-color: rgb(208,  
145, 160) }
```

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