

# Converting Colors

YUV(142.5020, 2.2175, 35.5167)

Have a look what the booklet for  
YUV(142.5020, 2.2175, 35.5167)  
contains.

<b>YUV(142.5020, 2.2175, 35.5167)</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(142.5020, 2.2175,  
35.5167)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B77993
RGB	183, 121, 147
RGB Percent	72%, 47%, 58%
CMY	0.2824, 0.5255, 0.4235
CMYK	0.00, 0.34, 0.20, 0.28
HSL	335°, 30%, 60%
HSV	335°, 34%, 72%
XYZ	31.6323, 25.8486, 30.9258
YIQ	142.5020, 28.6060, 21.2300

# Conversions

## Conversions Part 2

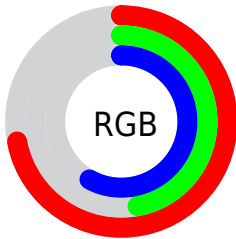
Format	Color
R <sub>Y</sub> B	183, 121, 147
Decimal	12024211
CIE Lab	57.89, 27.99, -4.07
CIE LCh	58, 28.287, 351.737
Yxy	25.8486, 0.3578, 0.2924
Android (android.graphics.Color)	4290214291 (0xFFB77993)
YUV	142.5020, 2.2175, 35.5167
Hunter-Lab	50.8415, 22.0854, -0.4758

# Details

The YUV color **142.5020, 2.2175, 35.5167** is a light color, and the websafe version is hex **996666**. A complement of this color would be **161.4980, -2.2175, -35.5167**, and the grayscale version is **142.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **196.8120, 2.0647, 37.8759**, and **91.1920, 2.3703, 33.1576** is the 20% darker color. If you saturate the color by 10%, you get **130.6820, 2.6218, 45.8829**, and if you desaturate by 10%, it is **154.3220, 1.8133, 25.1506**.

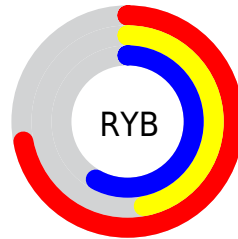
# Distribution



Red (72%)

Green (47%)

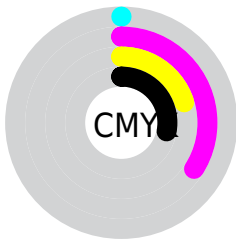
Blue (58%)



Red (72%)

Yellow (47%)

Blue (58%)

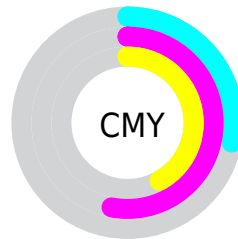


Cyan (0%)

Magenta (34%)

Yellow (20%)

Black (28%)



Cyan (28%)

Magenta (53%)


Yellow (42%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 142.5020, 2.2175, 35.5167 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 142.5020, 2.2175, 35.5167 by changing the saturation by 10% instead.




 142.5020, 2.2175,  
35.5167

 142.5020, 2.2175,  
35.5167

255.0000, 0.0000,  
0.0000

 116.7900, 2.0755,  
34.3872


 196.8120, 2.0647,  
37.8759

 91.1920, 2.3703,  
33.1576


 220.9250, 3.9810,  
29.8838

 67.2950, 2.8126,  
31.3133

 240.3250, 7.2348,  
12.8700

 42.8110, 3.5442,  
29.9838

 19.7400, 4.5652,  
29.1690

 9.7960, -3.8434,  
19.4729

 0.0000, 0.0000,

0.0000

■ 142.5020, 2.2175,  
35.5167

■ 142.5020, 2.2175,  
35.5167

■ 130.6820, 2.6218,  
45.8829

■ 154.3220, 1.8133,  
25.1506

■ 118.3890, 3.7522,  
56.6638

■ 166.6150, 0.6828,  
14.3696

■ 106.5690, 4.1565,  
67.0300

■ 178.4350, 0.2785,  
4.0035

■ 94.7490, 4.5607,  
77.3961

■ 190.2550, -0.1257,  
-6.3626

■ 82.4560, 5.6912,  
88.1771

■ 201.9610, -0.9668,  
-16.6288

■ 70.6360, 6.0955,  
98.5432

■ 214.3680, -1.6604,  
-27.5097

■ 63.4950, 6.6580,  
104.8059

■ 226.0740, -2.5015,  
-37.7759

■ 230.8500, 0.5670,  
-41.9644

■ 232.1040, 5.3717,  
-43.0642

# Harmonies

## Analogous

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



142.9650, 13.3283, 18.4477



142.5020, 2.2175, 35.5167



141.1470, -9.4395, 41.0901

# Triad

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



142.5020, 2.2175, 35.5167



135.8050, -21.1029, 1.9250



126.4670, 24.9128, -57.4146

# Complementary

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



142.5020, 2.2175, 35.5167



161.4980, -2.2175, -35.5167

# 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.



123.8660, 16.3351, -59.5185



142.5020, 2.2175, 35.5167



132.3660, -12.0124, -20.4920

# Square

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



142.5020, 2.2175, 35.5167



137.9430, -23.6359, 21.0980



128.0780, 1.4405, -42.1644



134.3650, 26.4421, -34.5231



# Rectangle

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



142.5020, 2.2175, 35.5167



140.5890, -16.5594, 38.0714



128.0780, 1.4405, -42.1644



124.5760, 22.8870, -61.0182

# Sweetspot

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



142.5020, 2.2175, 35.5167



221.3160, 0.8302, 13.7549



138.5330, 21.9222, 15.3186



110.1690, 0.4097, 8.6218



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.



142.5020, 2.2175, 35.5167



173.6770, 3.6102, 55.5343



141.8860, -10.2968, 36.0570



86.0330, -0.0163, 5.2331



54.0540, 5.3964, 89.4066



9.7400, 1.1142, 16.0140



# Inverse Universe

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



142.5020, 2.2175, 35.5167



173.6770, 3.6102, 55.5343



162.1140, 10.2968, -36.0570



86.0330, -0.0163, 5.2331



54.0540, 5.3964, 89.4066

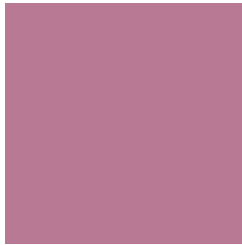


9.7400, 1.1142, 16.0140



# Previews

## White Background



This preview shows how the YUV color 142.5020, 2.2175, 35.5167 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

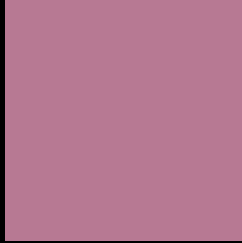
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 142.5020, 2.2175, 35.5167 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

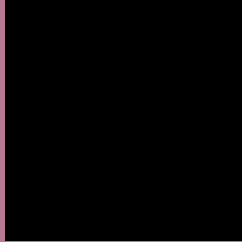
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YUV 142.5020, 2.2175, 35.5167

## Background



This preview shows how black text looks on a background with the YUV color 142.5020, 2.2175, 35.5167.



This preview shows how white text looks on a background with the YUV color 142.5020, 2.2175,



# 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

142.5020, 2.2175, 35.5167

### Protanopia

139.9810, 8.8834, -2.6143

### Deuteranopia

140.8100, 1.5727, 8.9366



## Tritanopia

141.4820, -4.1816, 34.6573

# Trichromacy



## Original Color

142.5020, 2.2175, 35.5167

## Protanomaly

141.0860, 6.3666, 11.3256

## Deuteranomaly

141.5770, 1.6875, 18.7880

## Tritanomaly

141.7640, -1.8557, 35.2870

# Monochromacy



## Original Color

142.5020, 2.2175, 35.5167

## Achromatopsia

143.0000, 0.0000, 0.0000

## Achromatomaly

142.9030, 0.5408, 13.2401

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 142.5020, 2.2175, 35.5167 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(183, 121, 147)` looks like.

```
.text, #text, p{  
    color:rgb(183, 121, 147)  
}
```

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(183, 121, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 121, 147) }
```

## Border

The CSS property to change the border of an element to YUV 142.5020, 2.2175, 35.5167 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(183, 121, 147) }
```



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

```
.border{ border-color:rgb(183, 121, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 121, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 121, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 121, 147);  
box-shadow:4px 4px 4px 4px rgb(183, 121,  
147) }
```

# Background

The CSS property to change the background color of an element to YUV 142.5020, 2.2175, 35.5167 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 121, 147) }
```

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

```
.background{ background-color: rgb(183,  
121, 147) }
```

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