

# Converting Colors

YUV(138.1710, 0.9017, 37.5610)

Have a look what the booklet for  
YUV(138.1710, 0.9017, 37.5610)  
contains.

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# Color

**YUV(138.1710, 0.9017,  
37.5610)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B5748C
RGB	181, 116, 140
RGB Percent	71%, 45%, 55%
CMY	0.2902, 0.5451, 0.4510
CMYK	0.00, 0.36, 0.23, 0.29
HSL	338°, 31%, 58%
HSV	338°, 36%, 71%
XYZ	30.0351, 24.2080, 27.9005
YIQ	138.1710, 31.0360, 21.2440

# Conversions

## Conversions Part 2

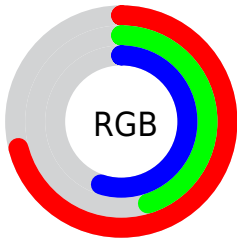
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	181, 116, 140
Decimal	11891852
CIE <sub>Lab</sub>	56.30, 28.95, -2.38
CIE <sub>LCh</sub>	56, 29.045, 355.290
Yxy	24.2080, 0.3656, 0.2947
Android (android.graphics.Color)	4290081932 (0xFFB5748C)
YUV	138.1710, 0.9017, 37.5610
Hunter-Lab	49.2016, 22.8623, 0.8198

# Details

The YUV color **138.1710, 0.9017, 37.5610** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **158.8290, -0.9017, -37.5610**, and the grayscale version is **138.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **192.3670, 0.3121, 40.0201**, and **86.9750, 1.4913, 35.1019** is the 20% darker color. If you saturate the color by 10%, you get **126.3510, 1.3060, 47.9272**, and if you desaturate by 10%, it is **149.9910, 0.4974, 27.1949**.

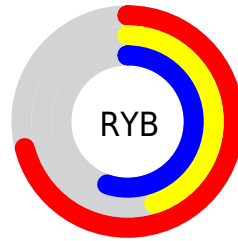
# Distribution



Red (71%)

Green (45%)

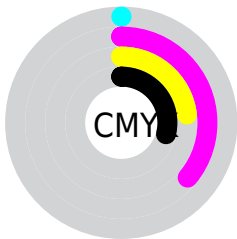
Blue (55%)



Red (71%)

Yellow (45%)

Blue (55%)

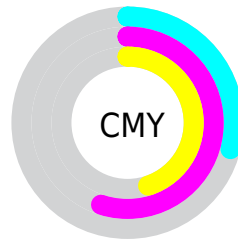


Cyan (0%)

Magenta (36%)

Yellow (23%)

Black (29%)



Cyan (29%)

Magenta (55%)


Yellow (45%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 138.1710, 0.9017, 37.5610 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 138.1710, 0.9017, 37.5610 by changing the saturation by 10% instead.




 138.1710, 0.9017,  
37.5610


 138.1710, 0.9017,  
37.5610


255.0000, 0.0000,  
0.0000

 112.2740, 1.3439,  
35.7167


 192.3670, 0.3121,  
40.0201

 86.9750, 1.4913,  
35.1019


 216.4910, 2.2229,  
33.7724


 63.0780, 1.9335,  
33.2576

 236.8200, 6.4977,  
15.9439

 38.7080, 3.1020,  
31.8281

253.8260, 0.5788,  
1.0296

 17.9850, 2.9654,  
28.9542

 7.8880, -3.3958,  
15.8842

 0.0000, 0.0000,

0.0000

■ 138.1710, 0.9017,  
37.5610

■ 138.1710, 0.9017,  
37.5610

■ 126.3510, 1.3060,  
47.9272

■ 149.9910, 0.4974,  
27.1949

■ 114.4170, 1.2734,  
58.3933

■ 161.9250, 0.5300,  
16.7288

■ 102.5970, 1.6777,  
68.7594

■ 173.7450, 0.1257,  
6.3626

■ 90.6630, 1.6451,  
79.2255

■ 185.6790, 0.1583,  
-4.1035

■ 78.2560, 2.3388,  
90.1065

■ 198.0860, -0.5354,  
-14.9844

■ 66.3220, 2.3063,  
100.5726

■ 210.0200, -0.5029,  
-25.4505

■ 61.7570, 2.5848,  
104.5761

■ 221.8400, -0.9071,  
-35.8167

■ 230.1380, 0.4250,  
-43.0940

■ 231.5060, 5.6665,  
-44.2938

# Harmonies

## Analogous

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



138.4600, 12.5912, 21.5216



138.1710, 0.9017, 37.5610



137.1040, -10.8973, 42.0048

# Triad

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



138.1710, 0.9017, 37.5610



131.1960, -20.8026, -1.0489



121.6240, 26.8074, -58.4292

# Complementary

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



138.1710, 0.9017, 37.5610



158.8290, -0.9017, -37.5610

# 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.



118.1150, 18.6773, -64.1219



138.1710, 0.9017, 37.5610



127.8710, -11.2754, -23.5659

# Square

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



138.1710, 0.9017, 37.5610



133.8180, -24.0673, 19.4536



122.6260, 3.6354, -46.1530



130.4900, 26.8734, -32.8787



# Rectangle

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



138.1710, 0.9017, 37.5610



136.2470, -17.8698, 38.3714



122.6260, 3.6354, -46.1530



119.1350, 25.0764, -63.2624

# Sweetspot

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



138.1710, 0.9017, 37.5610



217.8000, 0.0986, 15.0844



135.3700, 22.4956, 18.0925



107.1690, 0.4097, 8.6218



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000



# Same Dimension

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



138.1710, 0.9017, 37.5610



168.4170, 1.2734, 58.3933



140.1310, -11.8966, 35.8421



83.1470, 0.4205, 5.1331



52.1310, 1.9074, 88.4621



8.8000, 0.0986, 15.0844



# Inverse Universe

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



138.1710, 0.9017, 37.5610



168.4170, 1.2734, 58.3933



156.8690, 11.8966, -35.8421



83.1470, 0.4205, 5.1331



52.1310, 1.9074, 88.4621

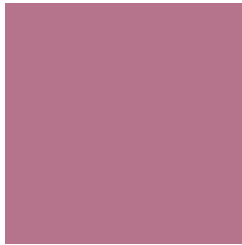


8.8000, 0.0986, 15.0844



# Previews

## White Background



This preview shows how the YUV color 138.1710, 0.9017, 37.5610 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 138.1710, 0.9017, 37.5610 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 138.1710, 0.9017, 37.5610

## Background



This preview shows how black text looks on a background with the YUV color 138.1710, 0.9017, 37.5610.



This preview shows how white text looks on a background with the YUV color 138.1710, 0.9017,



# 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

138.1710, 0.9017, 37.5610

### Protanopia

135.6390, 7.5730, -2.3144

### Deuteranopia

136.4680, 0.2623, 9.2366



## Tritanopia

137.5640, -5.2081, 37.2164

# Trichromacy



## Original Color

138.1710, 0.9017, 37.5610

## Protanomaly

136.1570, 5.3456, 12.1403

## Deuteranomaly

137.2350, 0.3771, 19.0879

## Tritanomaly

137.5470, -2.7347, 37.2313

# Monochromacy



## Original Color

138.1710, 0.9017, 37.5610

## Achromatopsia

138.0000, 0.0000, 0.0000

## Achromatomaly

138.2020, 0.3934, 13.8548

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 138.1710, 0.9017, 37.5610 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(181, 116, 140)` looks like.

```
.text, #text, p{  
    color:rgb(181, 116, 140)  
}
```

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(181, 116, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 116, 140) }
```

## Border

The CSS property to change the border of an element to YUV 138.1710, 0.9017, 37.5610 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(181, 116, 140) }
```



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

```
.border{ border-color:rgb(181, 116, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 116, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 116, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 116, 140);  
box-shadow:4px 4px 4px 4px rgb(181, 116,  
140) }
```

# Background

The CSS property to change the background color of an element to YUV 138.1710, 0.9017, 37.5610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 116, 140) }
```

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

```
.background{ background-color: rgb(181,  
116, 140) }
```

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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