

# Converting Colors

YUV(130.1750, 4.8437, 33.1725)

Have a look what the booklet for  
YUV(130.1750, 4.8437, 33.1725)  
contains.

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# Color

**YUV(130.1750, 4.8437,  
33.1725)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A86D8C
RGB	168, 109, 140
RGB Percent	66%, 43%, 55%
CMY	0.3412, 0.5725, 0.4510
CMYK	0.00, 0.35, 0.17, 0.34
HSL	328°, 25%, 54%
HSV	328°, 35%, 66%
XYZ	26.3507, 21.1556, 27.5055
YIQ	130.1750, 25.2130, 22.1490

# Conversions

## Conversions Part 2

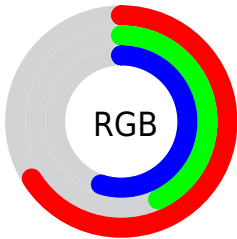
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	168, 109, 140
Decimal	11038092
CIE <sub>Lab</sub>	53.12, 28.10, -7.26
CIE <sub>LCh</sub>	53, 29.022, 345.516
Yxy	21.1556, 0.3513, 0.2820
Android (android.graphics.Color)	4289228172 (0xFFA86D8C)
YUV	130.1750, 4.8437, 33.1725
Hunter-Lab	45.9952, 21.7714, -3.2593

# Details

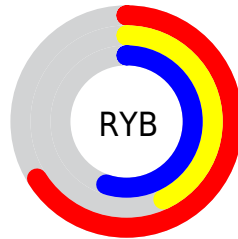
The YUV color **130.1750, 4.8437, 33.1725** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **146.8250, -4.8437, -33.1725**, and the grayscale version is **130.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **183.5990, 5.1277, 35.4317**, and **79.8650, 4.9966, 30.8134** is the 20% darker color. If you saturate the color by 10%, you get **119.2840, 6.2690, 42.7239**, and if you desaturate by 10%, it is **141.0660, 3.4185, 23.6211**.

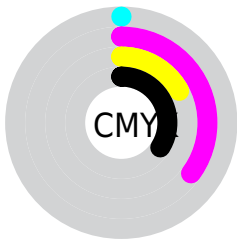
# Distribution



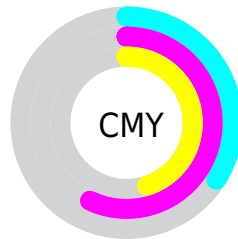
- Red (66%)
- Green (43%)
- Blue (55%)



- Red (66%)
- Yellow (43%)
- Blue (55%)



- Cyan (0%)
- Magenta (35%)
- Yellow (17%)
- Black (34%)



- Cyan (34%)
- Magenta (57%)
- Yellow (45%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 130.1750, 4.8437, 33.1725 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 130.1750, 4.8437, 33.1725 by changing the saturation by 10% instead.




 130.1750, 4.8437,  
33.1725


 130.1750, 4.8437,  
33.1725


255.0000, 0.0000,  
0.0000

 104.5770, 5.1385,  
31.9430


 183.5990, 5.1277,  
35.4317


 79.8650, 4.9966,  
30.8134


 211.7840, 4.5435,  
36.1464

 55.9680, 5.4388,  
28.9691

 232.1240, 8.8129,  
20.0623

 32.0820, 5.8756,  
28.8691

 249.1300, 2.8939,  
5.1480

 15.2940, 4.2921,  
23.4212

 0.0000, 0.0000,  
0.0000

130.1750, 4.8437,  
33.1725

130.1750, 4.8437,  
33.1725

119.2840, 6.2690,  
42.7239

141.0660, 3.4185,  
23.6211

108.3930, 7.6943,  
52.2753

151.9570, 1.9932,  
14.0697

98.0890, 8.8301,  
61.3119

162.2610, 0.8573,  
5.0331

87.1980, 10.2554,  
70.8634

173.1520, -0.5679,  
-4.5183

76.3070, 11.6806,  
80.4148

184.0430, -1.9932,  
-14.0697

65.4160, 13.1059,  
89.9662

194.9340, -3.4185,  
-23.6211

60.2640, 13.6738,  
94.4845

205.8250, -4.8437,  
-33.1725

216.1290, -5.9796,

-42.2091

 224.0850, -5.9579,  
-49.1865

# Harmonies

## Analogous

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



130.2140, 15.6705, 13.8443



130.1750, 4.8437, 33.1725



129.1300, -6.9661, 41.1050

# Triad

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



130.1750, 4.8437, 33.1725



123.7840, -22.5715, 6.3284



109.6400, 25.8135, -66.3363

# Complementary

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



130.1750, 4.8437, 33.1725



146.8250, -4.8437, -33.1725

# 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.



109.9860, 14.3039, -61.3777



130.1750, 4.8437, 33.1725



121.0030, -14.7915, -15.7886

# Square

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



130.1750, 4.8437, 33.1725



126.0790, -23.2099, 24.4867



115.8180, -0.8963, -39.3054



119.2500, 27.4847, -42.3152



# Rectangle

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



130.1750, 4.8437, 33.1725



128.4690, -14.5282, 39.9307



115.8180, -0.8963, -39.3054



107.9340, 23.2035, -69.2251

# Sweetspot

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



130.1750, 4.8437, 33.1725



203.6580, 2.1406, 13.4549



124.0980, 21.6437, 11.3151



100.3970, 1.2833, 8.4218



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000



# Same Dimension

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



130.1750, 4.8437, 33.1725



160.0940, 7.8417, 51.6606



126.8690, -7.8234, 36.0719



78.8480, 0.5679, 4.5183



53.1440, 12.2540, 83.1887



7.2340, 1.8566, 11.1958



# Inverse Universe

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



130.1750, 4.8437, 33.1725



160.0940, 7.8417, 51.6606



150.1310, 7.8234, -36.0719



78.8480, 0.5679, 4.5183



53.1440, 12.2540, 83.1887

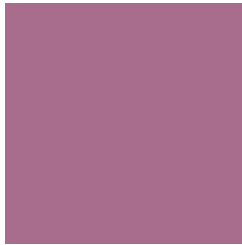


7.2340, 1.8566, 11.1958



# Previews

## White Background



This preview shows how the YUV color 130.1750, 4.8437, 33.1725 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

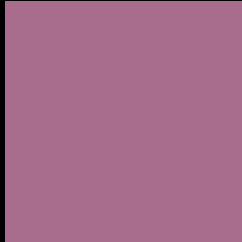
Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail



# Black Background



This preview shows how the YUV color 130.1750, 4.8437, 33.1725 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 130.1750, 4.8437, 33.1725

## Background



This preview shows how black text looks on a background with the YUV color 130.1750, 4.8437, 33.1725.



This preview shows how white text looks on a background with the YUV color 130.1750, 4.8437,



# 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

130.1750, 4.8437, 33.1725

### Protanopia

127.6540, 11.5096, -4.9586

### Deuteranopia

128.7710, 4.0569, 5.4628



## Tritanopia

129.1720, -4.0288, 32.2982

# Trichromacy



## Original Color

130.1750, 4.8437, 33.1725

## Protanomaly

128.7590, 8.9928, 8.9814

## Deuteranomaly

129.5380, 4.1718, 15.3142

## Tritanomaly

129.6820, -0.8292, 32.7279

# Monochromacy



## Original Color

130.1750, 4.8437, 33.1725

## Achromatopsia

130.0000, 0.0000, 0.0000

## Achromatomaly

129.9460, 1.9986, 12.3254

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 130.1750, 4.8437, 33.1725 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(168, 109, 140)` looks like.

```
.text, #text, p{  
    color:rgb(168, 109, 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(168, 109, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 109, 140) }
```

## Border

The CSS property to change the border of an element to YUV 130.1750, 4.8437, 33.1725 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(168, 109, 140) }
```



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

```
.border{ border-color:rgb(168, 109, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 109, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 109, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 109, 140);  
box-shadow:4px 4px 4px 4px rgb(168, 109,  
140) }
```

# Background

The CSS property to change the background color of an element to YUV 130.1750, 4.8437, 33.1725 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 109, 140) }
```

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

```
.background{ background-color: rgb(168,  
109, 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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