

# Converting Colors

YUV(132.4550, 13.5797,  
31.1730)

Have a look what the booklet for  
YUV(132.4550, 13.5797, 31.1730)  
contains.

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# Color

**YUV(132.4550, 13.5797,  
31.1730)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A86DA0
RGB	168, 109, 160
RGB Percent	66%, 43%, 63%
CMY	0.3412, 0.5725, 0.3725
CMYK	0.00, 0.35, 0.05, 0.34
HSL	308°, 25%, 54%
HSV	308°, 35%, 66%
XYZ	27.9623, 21.8002, 35.9918
YIQ	132.4550, 18.7930, 28.3690

# Conversions

## Conversions Part 2

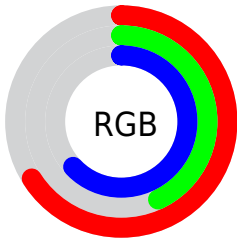
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	168, 109, 160
Decimal	11038112
CIE <sub>Lab</sub>	53.81, 31.62, -17.92
CIE <sub>LCh</sub>	54, 36.342, 330.463
Yxy	21.8002, 0.3261, 0.2542
Android (android.graphics.Color)	4289228192 (0xFFFA86DA0)
YUV	132.4550, 13.5797, 31.1730
Hunter-Lab	46.6907, 25.1920, -13.0206

# Details

The YUV color **132.4550, 13.5797, 31.1730** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **144.5450, -13.5797, -31.1730**, and the grayscale version is **132.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **185.9930, 14.3005, 33.3321**, and **81.9170, 12.8589, 29.0138** is the 20% darker color. If you saturate the color by 10%, you get **122.2480, 17.6257, 40.1245**, and if you desaturate by 10%, it is **142.6620, 9.5336, 22.2214**.

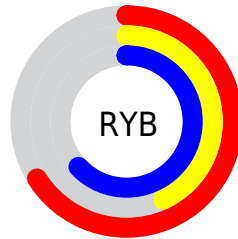
# Distribution



Red (66%)

Green (43%)

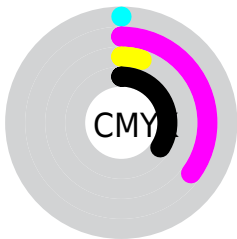
Blue (63%)



Red (66%)

Yellow (43%)

Blue (63%)

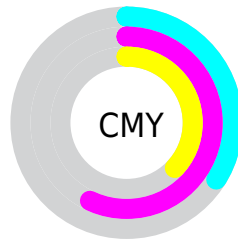


Cyan (0%)

Magenta (35%)

Yellow (5%)

Black (34%)



Cyan (34%)

Magenta (57%)


Yellow (37%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 132.4550, 13.5797, 31.1730 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 132.4550, 13.5797, 31.1730 by changing the saturation by 10% instead.





 132.4550, 13.5797,  
31.1730


 132.4550, 13.5797,  
31.1730


255.0000, 0.0000,  
0.0000


 106.7430, 13.4377,  
30.0434


 185.9930, 14.3005,  
33.3321


 81.9170, 12.8589,  
29.0138


 214.2920, 14.1530,  
33.9469


 57.3190, 13.1537,  
27.7842

 232.6940, 10.9969,  
19.5624

 32.8460, 13.8799,  
28.1991

 249.7170, 2.6045,  
4.6332

 17.0040, 10.8440,  
21.9215

 3.4330, 6.6885,  
1.3743

 0.0000, 0.0000,

0.0000

■ 132.4550, 13.5797,  
31.1730

■ 132.4550, 13.5797,  
31.1730

■ 122.2480, 17.6257,  
40.1245

■ 142.6620, 9.5336,  
22.2214

■ 111.9270, 21.2350,  
49.1760

■ 152.9830, 5.9244,  
13.1699

■ 102.3070, 24.9916,  
57.6128

■ 162.6030, 2.1677,  
4.7332

■ 92.1000, 29.0377,  
66.5643

■ 172.8100, -1.8783,  
-4.2184

■ 81.8930, 33.0838,  
75.5158

■ 183.0170, -5.9244,  
-13.1699

■ 71.5720, 36.6930,  
84.5674

■ 193.3380, -9.5336,  
-22.2214

■ 66.7620, 38.5713,  
88.7857

■ 203.5450,  
-13.5797, -31.1730

■ 213.1650,  
-17.3363, -39.6097

■ 220.5510,  
-19.4986, -46.0872

# Harmonies

## Analogous

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



130.7700, 25.7494, 1.0787



132.4550, 13.5797, 31.1730



130.7810, -0.8780, 48.4271

# Triad

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



132.4550, 13.5797, 31.1730



126.2110, -30.1770, 19.1090



102.6540, 27.7786, -90.0276

# Complementary

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



132.4550, 13.5797, 31.1730



144.5450, -13.5797, -31.1730

# 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.



101.8000, 12.9166, -83.1396



132.4550, 13.5797, 31.1730



122.5390, -24.4227, -6.6117

# Square

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



132.4550, 13.5797, 31.1730



128.3690, -26.3109, 39.1414



117.1360, -9.9270, -36.0763



102.9280, 38.9825, -90.2679



# Rectangle

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



132.4550, 13.5797, 31.1730



129.8710, -10.7824, 51.8561



117.1360, -9.9270, -36.0763



102.1010, 23.1212, -89.5426

# Sweetspot

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



132.4550, 13.5797, 31.1730



204.5700, 5.6350, 12.6551



118.1180, 24.5918, -0.9805



100.9670, 3.4673, 7.9219



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.



132.4550, 13.5797, 31.1730



163.6280, 21.3824, 48.5612



129.1490, 0.9125, 34.0723



79.1900, 1.8783, 4.2184



58.8440, 34.0939, 78.1898



8.0320, 4.9142, 10.4959



# Inverse Universe

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



132.4550, 13.5797, 31.1730



163.6280, 21.3824, 48.5612



147.8510, -0.9125, -34.0723



79.1900, 1.8783, 4.2184



58.8440, 34.0939, 78.1898



8.0320, 4.9142, 10.4959



# Previews

## White Background



This preview shows how the YUV color 132.4550, 13.5797, 31.1730 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

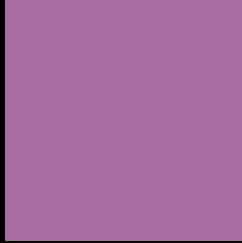
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 132.4550, 13.5797, 31.1730 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

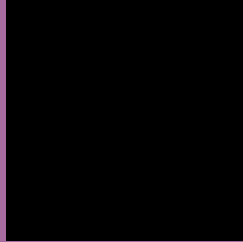
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YUV 132.4550, 13.5797, 31.1730

## Background



This preview shows how black text looks on a background with the YUV color 132.4550, 13.5797, 31.1730.



This preview shows how white text looks on a background with the YUV color 132.4550, 13.5797,



# 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

132.4550, 13.5797, 31.1730

### Protanopia

128.9550, 21.7142, -11.3615

### Deuteranopia

130.1320, 13.2459, -1.8698



## Tritanopia

131.3780, -3.1444, 28.6095

# Trichromacy



## Original Color

132.4550, 13.5797, 31.1730

## Protanomaly

129.9570, 18.7552, 4.4227

## Deuteranomaly

131.2090, 13.2080, 10.3407

## Tritanomaly

131.3980, 3.2548, 29.4690

# Monochromacy



## Original Color

132.4550, 13.5797, 31.1730

## Achromatopsia

132.0000, 0.0000, 0.0000

## Achromatomaly

132.3310, 4.7668, 11.1107

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 132.4550, 13.5797, 31.1730 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, 160)` looks like.

```
.text, #text, p{  
    color:rgb(168, 109, 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(168, 109, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 109, 160) }
```

## Border

The CSS property to change the border of an element to YUV 132.4550, 13.5797, 31.1730 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, 160) }
```



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

```
.border{ border-color:rgb(168, 109, 160) }
```

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, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 109, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 109, 160);  
box-shadow:4px 4px 4px 4px rgb(168, 109,  
160) }
```

# Background

The CSS property to change the background color of an element to YUV 132.4550, 13.5797, 31.1730 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, 160) }
```

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

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

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