

# Converting Colors

YUV(132.9800, 3.4609,  
-36.8165)

Have a look what the booklet for  
YUV(132.9800, 3.4609, -36.8165)  
contains.

<b>YUV(132.9800, 3.4609, -36.8165)</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(132.9800, 3.4609,  
-36.8165)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5B998C
RGB	91, 153, 140
RGB Percent	36%, 60%, 55%
CMY	0.6431, 0.4000, 0.4510
CMYK	0.41, 0.00, 0.08, 0.40
HSL	167°, 25%, 48%
HSV	167°, 41%, 60%
XYZ	20.4392, 26.9001, 28.9259
YIQ	132.9800, -32.7790, -17.1870

# Conversions

## Conversions Part 2

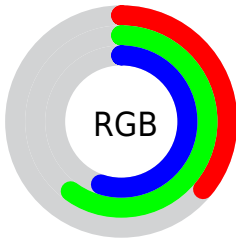
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	91, 126, 153
Decimal	6003084
CIE <sub>Lab</sub>	58.88, -23.21, 0.54
CIE <sub>LCh</sub>	59, 23.216, 178.676
Yxy	26.9001, 0.2680, 0.3527
Android (android.graphics.Color)	4284193164 (0xFF5B998C)
YUV	132.9800, 3.4609, -36.8165
Hunter-Lab	51.8653, -20.4203, 3.2389

# Details

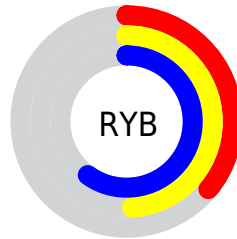
The YUV color **132.9800, 3.4609, -36.8165** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **111.0200, -3.4609, 36.8165**, and the grayscale version is **133.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **187.1540, 2.8821, -37.8461**, and **81.7950, 4.0451, -37.5312** is the 20% darker color. If you saturate the color by 10%, you get **128.1530, 4.3616, -45.7382**, and if you desaturate by 10%, it is **137.8070, 2.5601, -27.8947**.

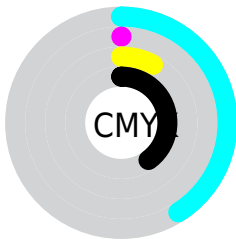
# Distribution



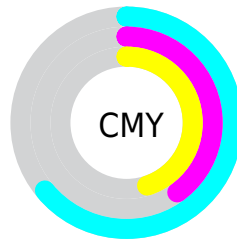
- Red (36%)
- Green (60%)
- Blue (55%)



- Red (36%)
- Yellow (49%)
- Blue (60%)



- Cyan (41%)
- Magenta (0%)
- Yellow (8%)
- Black (40%)



- Cyan (64%)
- Magenta (40%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 132.9800, 3.4609, -36.8165 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 132.9800, 3.4609, -36.8165 by changing the saturation by 10% instead.



■ 132.9800, 3.4609,  
-36.8165

■ 132.9800, 3.4609,  
-36.8165

■ 255.0000, 0.0000,  
0.0000

■ 107.0940, 3.8977,  
-36.9164

■ 187.1540, 2.8821,  
-37.8461

■ 81.7950, 4.0451,  
-37.5312

■ 214.8550, 3.0295,  
-38.4608

■ 54.6310, 6.0979,  
-42.6494

■ 237.9850, 5.9234,  
-33.3128

■ 36.8280, 4.0288,  
-32.2982

■ 246.9270, 3.9800,  
-16.5990

■ 22.1070, 0.9332,  
-19.3878

■ 0.0000, 0.0000,  
0.0000

■ 132.9800, 3.4609,  
-36.8165

■ 132.9800, 3.4609,  
-36.8165

■ 128.1530, 4.3616,  
-45.7382

■ 137.8070, 2.5601,  
-27.8947

■ 123.0270, 5.4097,  
-55.2747

■ 142.9330, 1.5120,  
-18.3582

■ 118.0860, 5.8736,  
-64.0964

■ 147.8740, 1.0481,  
-9.5365

■ 113.2590, 6.7743,  
-73.0181

■ 152.7010, 0.1474,  
-0.6148

■ 108.1330, 7.8224,  
-82.5546

■ 157.8270, -0.9007,  
8.9217


■ 103.6050, 8.5757,  
-90.8616

■ 162.6540, -1.8014,  
17.8434

■ 167.4810, -2.7021,  
26.7652

■ 172.4220, -3.1660,

35.5869

 177.5480, -4.2142,  
45.1234

# Harmonies

## Analogous

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



135.8050, -7.7919, -20.8770



132.9800, 3.4609, -36.8165



131.9710, 13.8183, -45.5786

# Triad

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



132.9800, 3.4609, -36.8165



143.6530, 16.4401, 0.3043



142.4090, -16.9636, 27.7053

# Complementary

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



132.9800, 3.4609, -36.8165



111.0200, -3.4609, 36.8165

# 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.



143.5760, -10.1440, 33.6978



132.9800, 3.4609, -36.8165



144.8250, 8.9603, 19.4475

# Square

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



132.9800, 3.4609, -36.8165



139.6610, 20.8731, -21.6277



144.6710, -0.8238, 30.9835



140.6370, -19.5410, 14.3504



# Rectangle

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



132.9800, 3.4609, -36.8165



133.3610, 19.0490, -43.2896



144.6710, -0.8238, 30.9835



142.8870, -15.2273, 30.7941

# Sweetspot

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



132.9800, 3.4609, -36.8165



191.2540, 1.3538, -14.2548



131.2810, -19.8585, -23.9254



94.8850, 1.0427, -7.7921



227.0000, 0.0000, 0.0000



99.0000, 0.0000, 0.0000



# Same Dimension

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



132.9800, 3.4609, -36.8165



167.3040, 5.2731, -58.1486



123.8960, 14.3483, -28.8498



74.3800, 0.3057, -4.7183



94.8340, 7.9698, -83.1694



8.7710, 0.6059, -7.6922



# Inverse Universe

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



111.0200, -3.4609, 36.8165



132.6960, -5.2731, 58.1486



120.1040, -14.3483, 28.8498



71.5060, -0.7425, 4.8182



45.1660, -7.9698, 83.1694



4.2290, -0.6059, 7.6922



# Previews

## White Background



This preview shows how the YUV color 132.9800, 3.4609, -36.8165 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 132.9800, 3.4609, -36.8165 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

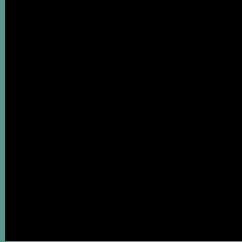
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YUV 132.9800, 3.4609, -36.8165

## Background



This preview shows how black text looks on a background with the YUV color 132.9800, 3.4609, -36.8165.



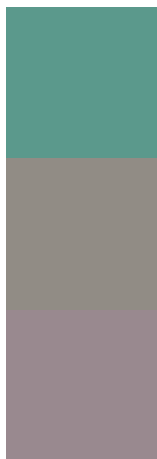
This preview shows how white text looks on a background with the YUV color 132.9800, 3.4609,

-36.8165.

# 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

132.9800, 3.4609, -36.8165

### Protanopia

140.6970, -3.7946, 3.7737

### Deuteranopia

142.4680, 0.2623, 9.2366



## Tritanopia

135.5210, 13.0541, -33.7829

# Trichromacy



## Original Color

132.9800, 3.4609, -36.8165

## Protanomaly

137.9940, -0.9830, -11.3957

## Deuteranomaly

138.9990, 1.4795, -7.8921

## Tritanomaly

134.5980, 9.5652, -34.7274

# Monochromacy



## Original Color

132.9800, 3.4609, -36.8165

## Achromatopsia

133.0000, 0.0000, 0.0000

## Achromatomaly

132.9660, 1.4958, -13.1252

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 132.9800, 3.4609, -36.8165 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(91, 153, 140)` looks like.

```
.text, #text, p{  
    color:rgb(91, 153, 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(91, 153, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 153, 140) }
```

## Border

The CSS property to change the border of an element to YUV 132.9800, 3.4609, -36.8165 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(91, 153, 140) }
```



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

```
.border{ border-color:rgb(91, 153, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 153, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 153, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 153, 140);  
box-shadow:4px 4px 4px 4px rgb(91, 153,  
140) }
```

# Background

The CSS property to change the background color of an element to YUV 132.9800, 3.4609, -36.8165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 153, 140) }
```

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

```
.background{ background-color: rgb(91, 153,  
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](#).

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