

# Converting Colors

YUV(142.8230, -1.8847,  
-48.9568)

Have a look what the booklet for  
YUV(142.8230, -1.8847, -48.9568)  
contains.

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# Color

**YUV(142.8230, -1.8847,  
-48.9568)**

# Conversions

## Conversions Part 1

Format	Color
Hex	57AC8B
RGB	87, 172, 139
RGB Percent	34%, 67%, 55%
CMY	0.6588, 0.3255, 0.4549
CMYK	0.49, 0.00, 0.19, 0.33
HSL	157°, 34%, 51%
HSV	157°, 49%, 67%
XYZ	23.3432, 33.3954, 29.6417
YIQ	142.8230, -40.0670, -28.2830

# Conversions

## Conversions Part 2

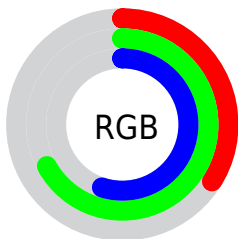
Format	Color
<a href="#">RYB</a>	<a href="#">87, 140, 172</a>
Decimal	<a href="#">5745803</a>
CIELab	<a href="#">64.48, -33.78, 9.14</a>
CIElCh	<a href="#">64, 34.990, 164.863</a>
Yxy	<a href="#">33.3954, 0.2702, 0.3866</a>
Android (android.graphics.Color)	<a href="#">4283935883 (0xFF57AC8B)</a>
YUV	<a href="#">142.8230, -1.8847, -48.9568</a>
Hunter-Lab	<a href="#">57.7887, -29.0269, 10.0403</a>

# Details

The YUV color **142.8230, -1.8847, -48.9568** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **116.1770, 1.8847, 48.9568**, and the grayscale version is **143.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **198.1820, -3.0477, -49.2716**, and **88.3710, 0.3101, -52.9454** is the 20% darker color. If you saturate the color by 10%, you get **136.9420, -2.4364, -58.7081**, and if you desaturate by 10%, it is **148.7040, -1.3331, -39.2054**.

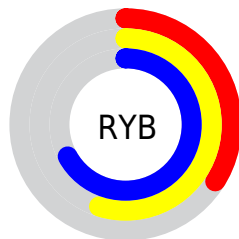
# Distribution



Red (34%)

Green (67%)

Blue (55%)



Red (34%)

Yellow (55%)

Blue (67%)

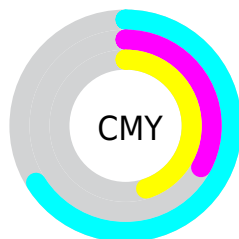


Cyan (49%)

Magenta (0%)

Yellow (19%)

Black (33%)



Cyan (66%)

Magenta (33%)

Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 142.8230, -1.8847, -48.9568 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 142.8230, -1.8847, -48.9568 by changing the saturation by 10% instead.





 142.8230, -1.8847,  
-48.9568

 142.8230, -1.8847,  
-48.9568


255.0000, 0.0000,  
0.0000

 115.7520, -0.8637,  
-49.7715


 198.1820, -3.0477,  
-49.2716

 88.3710, 0.3101,  
-52.9454


 225.5950, -2.7583,  
-48.7568


 62.7020, 1.6259,  
-54.9897

 237.2730, 5.7814,  
-34.4424

 45.9920, -1.4751,  
-40.3350

 246.6280, 4.1274,  
-17.2138

 29.6240, -3.2656,  
-25.9802

 14.0880, -6.9454,  
-12.3552

 0.0000, 0.0000,

0.0000

■ 142.8230, -1.8847,  
-48.9568

■ 142.8230, -1.8847,  
-48.9568

■ 136.9420, -2.4364,  
-58.7081

■ 148.7040, -1.3331,  
-39.2054

■ 131.1750, -2.5513,  
-68.5595

■ 154.4710, -1.2182,  
-29.3541

■ 124.9950, -2.9555,  
-78.9256

■ 160.6510, -0.8139,  
-18.9879

■ 119.1140, -3.5072,  
-88.6770

■ 166.5320, -0.2623,  
-9.2366

■ 113.3470, -3.6221,  
-98.5283

■ 172.2990, -0.1474,  
0.6148

■ 112.9340, -3.9115,  
-99.0431

■ 178.1800, 0.4043,  
10.3661

■ 184.0610, 0.9559,  
20.1175

■ 190.1270, 0.9234,  
30.5836

■ 196.0080, 1.4751,  
40.3350

# Harmonies

## Analogous

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



148.6560, -18.5644, -18.9923



142.8230, -1.8847, -48.9568



133.9020, 18.2893, -79.7211

# Triad

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



142.8230, -1.8847, -48.9568



156.0990, 30.0242, -16.7498



157.6780, -21.5333, 46.7634

# Complementary

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



142.8230, -1.8847, -48.9568



116.1770, 1.8847, 48.9568

# 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.



158.8540, -8.3090, 51.8710



142.8230, -1.8847, -48.9568



160.6750, 19.8802, 16.9480

# Square

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



142.8230, -1.8847, -48.9568



145.7090, 34.6535, -54.9958



160.3870, 6.7112, 40.8796



155.5160, -29.3414, 31.1195



# Rectangle

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



142.8230, -1.8847, -48.9568



129.9140, 30.1154, -92.8866



160.3870, 6.7112, 40.8796



158.0250, -17.7603, 49.9671

# Sweetspot

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



142.8230, -1.8847, -48.9568



212.6510, -0.8139, -18.9879



147.0610, -29.6101, -22.8555



105.1080, -0.5462, -11.4957



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000



# Same Dimension

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



142.8230, -1.8847, -48.9568



178.7180, -2.8190, -76.0517



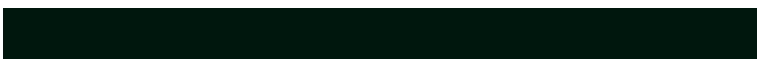
141.3020, 15.1341, -47.6229



83.8530, -0.4205, -5.1331



98.5380, -3.2232, -86.4178



15.0970, -0.5408, -13.2401



# Inverse Universe

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



116.1770, 1.8847, 48.9568



137.2820, 2.8190, 76.0517



117.1110, -14.8447, 48.1377



81.0330, -0.0163, 5.2331



51.4620, 3.2232, 86.4178



7.9030, 0.5408, 13.2401



# Previews

## White Background



This preview shows how the YUV color 142.8230, -1.8847, -48.9568 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 142.8230, -1.8847, -48.9568 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

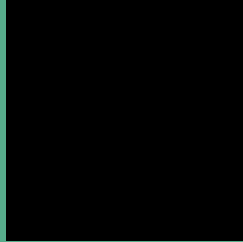
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 142.8230, -1.8847, -48.9568

## Background



This preview shows how black text looks on a background with the YUV color 142.8230, -1.8847, -48.9568.



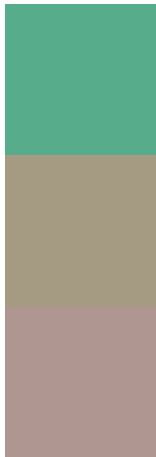
This preview shows how white text looks on a background with the YUV color 142.8230, -1.8847,

-48.9568.

# 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

142.8230, -1.8847, -48.9568

### Protanopia

154.8410, -12.2466, 8.0324

### Deuteranopia

156.7910, -6.3060, 15.9693



## Tritanopia

147.5630, 15.9914, -42.5898

# Trichromacy



## Original Color

142.8230, -1.8847, -48.9568

## Protanomaly

150.3330, -8.5452, -12.5700

## Deuteranomaly

151.6910, -4.7777, -7.6220

## Tritanomaly

145.8310, 9.4503, -44.5788

# Monochromacy



## Original Color

142.8230, -1.8847, -48.9568

## Achromatopsia

143.0000, 0.0000, 0.0000

## Achromatomaly

143.3630, -0.6720, -17.8584

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 142.8230, -1.8847, -48.9568 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(87, 172, 139)` looks like.

```
.text, #text, p{  
    color:rgb(87, 172, 139)  
}
```

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(87, 172, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 172, 139) }
```

## Border

The CSS property to change the border of an element to YUV 142.8230, -1.8847, -48.9568 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(87, 172, 139) }
```



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

```
.border{ border-color:rgb(87, 172, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 172, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 172, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 172, 139);  
box-shadow:4px 4px 4px 4px rgb(87, 172,  
139) }
```

# Background

The CSS property to change the background color of an element to YUV 142.8230, -1.8847, -48.9568 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 172, 139) }
```

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

```
.background{ background-color: rgb(87, 172,  
139) }
```

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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