

# Converting Colors

YUV(142.2850, -2.6055,  
-51.1159)

Have a look what the booklet for  
YUV(142.2850, -2.6055, -51.1159)  
contains.

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# Color

**YUV(142.2850, -2.6055,  
-51.1159)**

# Conversions

## Conversions Part 1

Format	Color
Hex	54AD89
RGB	84, 173, 137
RGB Percent	33%, 68%, 54%
CMY	0.6706, 0.3216, 0.4627
CMYK	0.51, 0.00, 0.21, 0.32
HSL	156°, 35%, 50%
HSV	156°, 51%, 68%
XYZ	23.1151, 33.5781, 28.9298
YIQ	142.2850, -41.4880, -30.0640

# Conversions

## Conversions Part 2

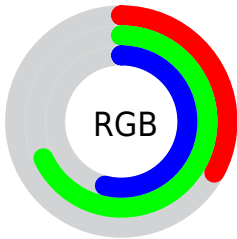
Format	Color
<a href="#">RYB</a>	<a href="#">84, 140, 173</a>
Decimal	<a href="#">5549449</a>
CIELab	<a href="#">64.63, -35.43, 10.44</a>
CIELCh	<a href="#">65, 36.935, 163.589</a>
Yxy	<a href="#">33.5781, 0.2700, 0.3922</a>
Android (android.graphics.Color)	<a href="#">4283739529 (0xFF54AD89)</a>
YUV	<a href="#">142.2850, -2.6055, -51.1159</a>
Hunter-Lab	<a href="#">57.9466, -30.2024, 10.9621</a>

# Details

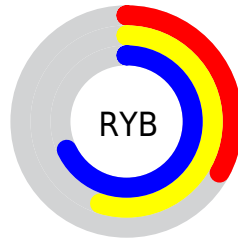
The YUV color **142.2850, -2.6055, -51.1159** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **114.7150, 2.6055, 51.1159**, and the grayscale version is **142.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **197.6440, -3.7685, -51.4308**, and **86.9360, 0.0316, -56.9489** is the 20% darker color. If you saturate the color by 10%, you get **136.4040, -3.1572, -60.8673**, and if you desaturate by 10%, it is **148.1660, -2.0538, -41.3646**.

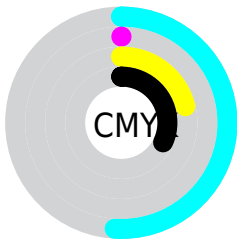
# Distribution



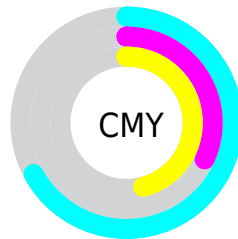
- Red (33%)
- Green (68%)
- Blue (54%)



- Red (33%)
- Yellow (55%)
- Blue (68%)



- Cyan (51%)
- Magenta (0%)
- Yellow (21%)
- Black (32%)



- Cyan (67%)
- Magenta (32%)
- Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 142.2850, -2.6055, -51.1159 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 142.2850, -2.6055, -51.1159 by changing the saturation by 10% instead.





 142.2850, -2.6055,  
-51.1159

 142.2850, -2.6055,  
-51.1159


255.0000, 0.0000,  
0.0000

 115.2140, -1.5845,  
-51.9307


 197.6440, -3.7685,  
-51.4308

 86.9360, 0.0316,  
-56.9489


 224.4700, -3.1897,  
-50.4012

 63.0610, 0.4629,  
-55.3045


 236.4470, 5.2026,  
-35.4720

 45.8780, -1.9119,  
-40.2350

 246.0300, 4.4222,  
-18.4433

 29.9830, -4.4286,  
-26.2951

254.7010, 0.1474,  
-0.6148

 14.6750, -7.2348,  
-12.8700

 0.0000, 0.0000,

0.0000

■ 142.2850, -2.6055,  
-51.1159

■ 142.2850, -2.6055,  
-51.1159

■ 136.4040, -3.1572,  
-60.8673

■ 148.1660, -2.0538,  
-41.3646

■ 130.2240, -3.5614,  
-71.2334

■ 154.3460, -1.6496,  
-30.9984

■ 124.3430, -4.1131,  
-80.9848

■ 160.2270, -1.0979,  
-21.2471

■ 118.4620, -4.6648,  
-90.7362

■ 166.1080, -0.5462,  
-11.4957

■ 113.2930, -5.0744,  
-99.3580

■ 172.2880, -0.1420,  
-1.1296

■ 178.1690, 0.4097,  
8.6218

■ 184.0500, 0.9614,  
18.3732

■ 189.9310, 1.5130,  
28.1245

■ 196.1110, 1.9173,  
38.4907

# Harmonies

## Analogous

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



148.9010, -20.1642, -19.2072



142.2850, -2.6055, -51.1159



129.7050, 20.3584, -90.0723

# Triad

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



142.2850, -2.6055, -51.1159



155.9460, 32.0716, -20.1236



157.5860, -21.9809, 50.3521

# Complementary

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



142.2850, -2.6055, -51.1159



114.7150, 2.6055, 51.1159

# 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.



159.2780, -8.0251, 54.1302



142.2850, -2.6055, -51.1159



160.8320, 21.7748, 15.9333

# Square

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



142.2850, -2.6055, -51.1159



143.6480, 37.1485, -61.9583



160.9250, 7.4320, 43.0388



155.5980, -30.3678, 33.6786



# Rectangle

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



142.2850, -2.6055, -51.1159



123.4390, 33.8006, -108.2560



160.9250, 7.4320, 43.0388



158.3350, -17.9132, 52.3262

# Sweetspot

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



142.2850, -2.6055, -51.1159



212.6510, -0.8139, -18.9879



147.3060, -31.2099, -23.0704



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.



142.2850, -2.6055, -51.1159



176.0550, -3.9711, -79.8552



142.2800, 15.1450, -51.1116



83.8530, -0.4205, -5.1331



98.3100, -4.0968, -86.2179



15.0970, -0.5408, -13.2401



# Inverse Universe

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



114.7150, 2.6055, 51.1159



133.0590, 4.4079, 79.7553



114.7200, -15.1450, 51.1116



81.1470, 0.4205, 5.1331



51.8040, 4.5336, 86.1179

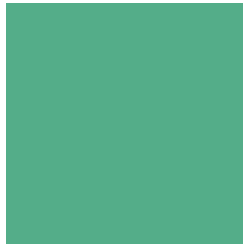


7.9030, 0.5408, 13.2401



# Previews

## White Background



This preview shows how the YUV color 142.2850, -2.6055, -51.1159 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 142.2850, -2.6055, -51.1159 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

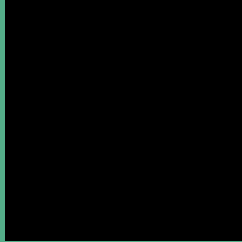
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 142.2850, -2.6055, -51.1159

## Background



This preview shows how black text looks on a background with the YUV color 142.2850, -2.6055, -51.1159.



This preview shows how white text looks on a background with the YUV color 142.2850, -2.6055, -51.1159.



# 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

142.2850, -2.6055, -51.1159

### Protanopia

154.9120, -13.2676, 8.8472

### Deuteranopia

156.8620, -7.3270, 16.7840



## Tritanopia

147.6660, 16.4337, -44.4341

# Trichromacy



## Original Color

142.2850, -2.6055, -51.1159

## Protanomaly

150.6920, -9.7082, -12.8849

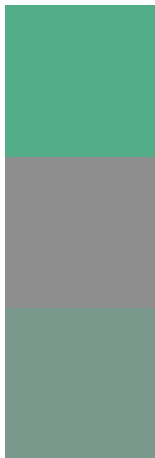
## Deuteranomaly

151.4630, -5.6513, -7.4221

## Tritanomaly

145.5210, 9.6031, -46.9379

# Monochromacy



## Original Color

142.2850, -2.6055, -51.1159

## Achromatopsia

142.0000, 0.0000, 0.0000

## Achromatomaly

141.9500, -0.9613, -18.3731

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 142.2850, -2.6055, -51.1159 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(84, 173, 137)` looks like.

```
.text, #text, p{  
  color:rgb(84, 173, 137)  
}
```

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(84, 173, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 173, 137) }
```

## Border

The CSS property to change the border of an element to YUV 142.2850, -2.6055, -51.1159 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(84, 173, 137) }
```



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

```
.border{ border-color:rgb(84, 173, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 173, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 173, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 173, 137);  
box-shadow:4px 4px 4px 4px rgb(84, 173,  
137) }
```

# Background

The CSS property to change the background color of an element to YUV 142.2850, -2.6055, -51.1159 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 173, 137) }
```

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

```
.background{ background-color: rgb(84, 173,  
137) }
```

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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