

# Converting Colors

YUV(136.0340, 18.2242,  
-58.7888)

Have a look what the booklet for  
YUV(136.0340, 18.2242, -58.7888)  
contains.

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# Color

**YUV(136.0340, 18.2242,  
-58.7888)**

# Conversions

## Conversions Part 1

Format	Color
Hex	45A3AD
RGB	69, 163, 173
RGB Percent	27%, 64%, 68%
CMY	0.7294, 0.3608, 0.3216
CMYK	0.60, 0.06, 0.00, 0.32
HSL	186°, 43%, 47%
HSV	186°, 60%, 68%
XYZ	23.0943, 30.4767, 44.2006
YIQ	136.0340, -59.2340, -16.8180

# Conversions

## Conversions Part 2

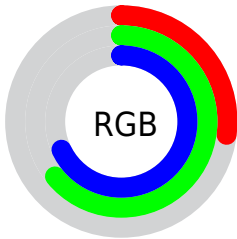
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	69, 118, 173
Decimal	4563885
CIE <sub>Lab</sub>	62.06, -24.48, -13.50
CIE <sub>LCh</sub>	62, 27.951, 208.870
Yxy	30.4767, 0.2362, 0.3117
Android (android.graphics.Color)	4282753965 (0xFF45A3AD)
YUV	136.0340, 18.2242, -58.7888
Hunter-Lab	55.2057, -21.9380, -8.8266

# Details

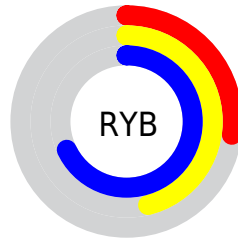
The YUV color **136.0340, 18.2242, -58.7888** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **105.9660, -18.2242, 58.7888**, and the grayscale version is **136.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **192.2300, 17.6346, -56.3297**, and **78.9510, 20.7302, -69.2400** is the 20% darker color. If you saturate the color by 10%, you get **129.7770, 21.3089, -68.2104**, and if you desaturate by 10%, it is **142.2910, 15.1395, -49.3672**.

# Distribution



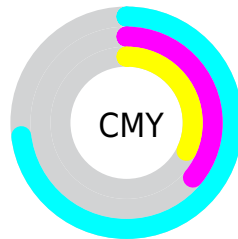
- Red (27%)
- Green (64%)
- Blue (68%)



- Red (27%)
- Yellow (46%)
- Blue (68%)



- Cyan (60%)
- Magenta (6%)
- Yellow (0%)
- Black (32%)



- Cyan (73%)
- Magenta (36%)
- Yellow (32%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 136.0340, 18.2242, -58.7888 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 136.0340, 18.2242, -58.7888 by changing the saturation by 10% instead.



■ 136.0340, 18.2242,  
-58.7888

■ 136.0340, 18.2242,  
-58.7888

■ 255.0000, 0.0000,  
0.0000

■ 107.5280, 18.9667,  
-63.6071

■ 192.2300, 17.6346,  
-56.3297

■ 78.9510, 20.7302,  
-69.2400

■ 220.7030, 16.9084,  
-56.7445

■ 61.4260, 17.0450,  
-53.8706

■ 234.0700, 10.3185,  
-43.0344

■ 45.1890, 13.2178,  
-39.6308

■ 243.0400, 5.8963,  
-24.5911

■ 29.1800, 10.2643,  
-25.5909

■ 251.7110, 1.6215,  
-6.7625

■ 12.1110, 8.3263,  
-10.6213

■ 0.0000, 0.0000,

0.0000

■ 136.0340, 18.2242,  
-58.7888

■ 136.0340, 18.2242,  
-58.7888

■ 129.7770, 21.3089,  
-68.2104

■ 142.2910, 15.1395,  
-49.3672

■ 123.8080, 24.2517,  
-78.7616

■ 148.2600, 12.1968,  
-38.8160

■ 117.5510, 27.3364,  
-88.1832

■ 154.5170, 9.1121,  
-29.3944

■ 111.2940, 30.4211,  
-97.6048

■ 160.7740, 6.0274,  
-19.9728

■ 166.7430, 3.0847,  
-9.4216

■ 173.0000, 0.0000,  
0.0000

■ 179.2570, -3.0847,  
9.4216

■ 184.9270, -5.8800,  
19.3580

■ 191.4830, -9.1121,  
29.3944

# Harmonies

## Analogous

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



138.5550, 4.6564, -46.9677



136.0340, 18.2242, -58.7888



139.7390, 25.7647, -50.6371

# Triad

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



136.0340, 18.2242, -58.7888



154.0150, 10.8386, 23.6658



148.5080, -23.9144, 17.0945

# Complementary

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



136.0340, 18.2242, -58.7888



105.9660, -18.2242, 58.7888

# 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.



150.7040, -21.0531, 32.7086



136.0340, 18.2242, -58.7888



153.7150, -0.8455, 37.9609

# Square

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



136.0340, 18.2242, -58.7888



151.9780, 20.2238, 0.0193



152.0500, -12.3497, 41.1751



146.1140, -19.7762, -3.6080



# Rectangle

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



136.0340, 18.2242, -58.7888



144.6530, 26.3001, -35.6527



152.0500, -12.3497, 41.1751



149.3670, -23.3519, 23.3571

# Sweetspot

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



136.0340, 18.2242, -58.7888



210.2790, 6.7645, -23.0467



131.0740, -26.1655, -54.4389



103.6500, 4.1166, -13.7250



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.



136.0340, 18.2242, -58.7888



167.0560, 28.0734, -91.2571



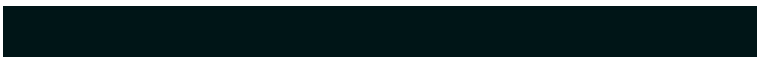
106.0970, 32.9832, -32.5341



83.7220, 1.6161, -5.0182



96.9320, 26.1625, -85.0094



14.9490, 3.9691, -13.1103



# Inverse Universe

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



110.8120, 25.7287, 54.5389



127.7830, 40.0400, 84.3823



135.9030, -32.9832, 32.5341



81.6030, 2.1677, 4.7332



60.3540, 37.2935, 78.6195



9.2710, 5.7824, 12.0403



# Previews

## White Background



This preview shows how the YUV color 136.0340, 18.2242, -58.7888 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 136.0340, 18.2242, -58.7888 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

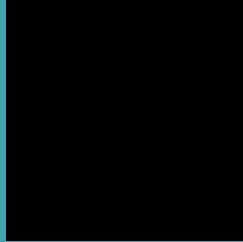
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 136.0340, 18.2242, -58.7888

## Background



This preview shows how black text looks on a background with the YUV color 136.0340, 18.2242, -58.7888.



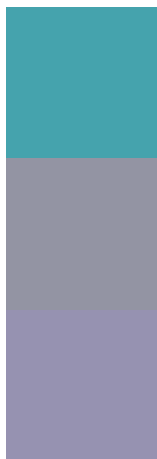
This preview shows how white text looks on a background with the YUV color 136.0340, 18.2242, -58.7888.



# 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

136.0340, 18.2242, -58.7888

### Protanopia

149.4110, 6.6994, -2.1144

### Deuteranopia

150.7300, 12.9511, -0.6402



## Tritanopia

136.6750, 19.3872, -58.4740

# Trichromacy



## Original Color

136.0340, 18.2242, -58.7888

## Protanomaly

144.4300, 11.1270, -22.3021

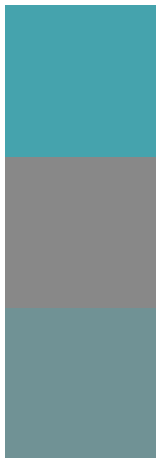
## Deuteranomaly

145.4670, 15.0528, -21.4576

## Tritanomaly

136.5610, 18.9504, -58.3740

# Monochromacy



## Original Color

136.0340, 18.2242, -58.7888

## Achromatopsia

136.0000, 0.0000, 0.0000

## Achromatomaly

136.1760, 6.3222, -21.2024

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 136.0340, 18.2242, -58.7888 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(69, 163, 173)` looks like.

```
.text, #text, p{  
    color:rgb(69, 163, 173)  
}
```

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(69, 163, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 163, 173) }
```

## Border

The CSS property to change the border of an element to YUV 136.0340, 18.2242, -58.7888 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(69, 163, 173) }
```



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

```
.border{ border-color:rgb(69, 163, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(69, 163, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 163, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(69, 163, 173);  
box-shadow:4px 4px 4px 4px rgb(69, 163,  
173) }
```

# Background

The CSS property to change the background color of an element to YUV 136.0340, 18.2242, -58.7888 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(69, 163, 173) }
```

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

```
.background{ background-color: rgb(69, 163,  
173) }
```

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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