

Converting Colors

YUV(139.4470, 18.5136,
-58.2740)

Have a look what the booklet for
YUV(139.4470, 18.5136, -58.2740)
contains.

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Color

**YUV(139.4470, 18.5136,
-58.2740)**

Conversions

Conversions Part 1

Format	Color
Hex	49A6B1
RGB	73, 166, 177
RGB Percent	29%, 65%, 69%
CMY	0.7137, 0.3490, 0.3059
CMYK	0.59, 0.06, 0.00, 0.31
HSL	186°, 42%, 49%
HSV	186°, 59%, 69%
XYZ	24.3197, 31.8632, 46.4634
YIQ	139.4470, -58.9590, -16.2950

Conversions

Conversions Part 2

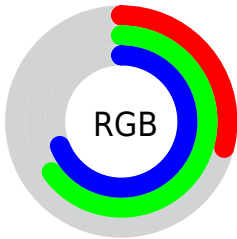
Format	Color
RYB	73, 122, 177
Decimal	4826801
CIELab	63.23, -24.08, -13.97
CIELCh	63, 27.840, 210.119
Yxy	31.8632, 0.2369, 0.3104
Android (android.graphics.Color)	4283016881 (0xFF49A6B1)
YUV	139.4470, 18.5136, -58.2740
Hunter-Lab	56.4475, -21.8788, -9.2899

Details

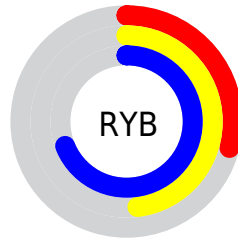
The YUV color **139.4470, 18.5136, -58.2740** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **110.5530, -18.5136, 58.2740**, and the grayscale version is **139.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **195.4580, 18.5082, -56.5297**, and **81.0540, 21.1724, -71.0844** is the 20% darker color. If you saturate the color by 10%, you get **132.8910, 21.7457, -68.3104**, and if you desaturate by 10%, it is **146.0030, 15.2815, -48.2376**.

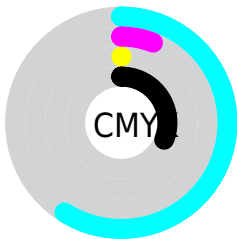
Distribution



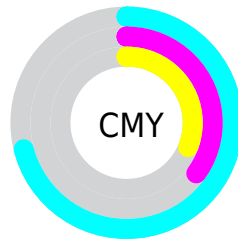
- Red (29%)
- Green (65%)
- Blue (69%)



- Red (29%)
- Yellow (48%)
- Blue (69%)



- Cyan (59%)
- Magenta (6%)
- Yellow (0%)
- Black (31%)



- Cyan (71%)
- Magenta (35%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YUV color 139.4470, 18.5136, -58.2740 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 139.4470, 18.5136, -58.2740 by changing the saturation by 10% instead.

■ 139.4470, 18.5136,
-58.2740

■ 139.4470, 18.5136,
-58.2740

■ 255.0000, 0.0000,
0.0000

■ 110.6530, 19.3981,
-61.9627

■ 195.4580, 18.5082,
-56.5297

■ 81.0540, 21.1724,
-71.0844

■ 223.6600, 15.4506,
-55.8298

■ 63.6430, 17.9240,
-55.8149

■ 235.2660, 9.7289,
-40.5753

■ 46.8190, 14.3862,
-41.0603

■ 243.9370, 5.4541,
-22.7467

■ 31.2830, 10.7065,
-27.4352

■ 252.9070, 1.0318,
-4.3034

■ 15.9750, 7.9003,
-14.0101

■ 0.6840, 2.6208,

-0.5999

■ 0.0000, 0.0000,
0.0000

■ 139.4470, 18.5136,
-58.2740

■ 139.4470, 18.5136,
-58.2740

■ 132.8910, 21.7457,
-68.3104

■ 146.0030, 15.2815,
-48.2376

■ 126.6340, 24.8304,
-77.7320

■ 152.2600, 12.1968,
-38.8160

■ 120.0780, 28.0625,
-87.7684

■ 158.8160, 8.9647,
-28.7796

■ 114.1090, 31.0053,
-98.3196

■ 164.7850, 6.0220,
-18.2284

■ 112.9240, 31.5895,
-99.0343

■ 171.3410, 2.7899,
-8.1921

■ 177.5980, -0.2948,
1.2296

■ 184.1540, -3.5269,
11.2659

■ 190.7100, -6.7590,
21.3023

■ 196.9670, -9.8437,
30.7239

Harmonies

Analogous

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



141.6690, 5.0932, -47.0677



139.4470, 18.5136, -58.2740



143.3370, 25.4699, -49.4075

Triad

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



139.4470, 18.5136, -58.2740



157.2000, 10.2544, 24.3806



151.2090, -23.7670, 16.4797

Complementary

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



139.4470, 18.5136, -58.2740



110.5530, -18.5136, 58.2740

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.



153.7040, -21.0531, 32.7086



139.4470, 18.5136, -58.2740



156.6010, -1.2823, 38.0609

Square

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



139.4470, 18.5136, -58.2740



155.5760, 19.9290, 1.2488



154.9360, -12.7864, 41.2751



148.9290, -19.1920, -4.3227

Rectangle

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



139.4470, 18.5136, -58.2740



148.2510, 26.0053, -34.4231



154.9360, -12.7864, 41.2751



152.5410, -23.9307, 22.3275

Sweetspot

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



139.4470, 18.5136, -58.2740



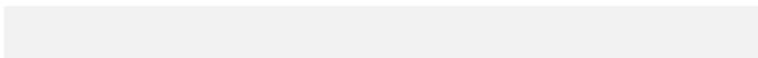
214.5070, 7.6380, -23.2466



135.1880, -25.7287, -54.5389



105.7640, 4.5533, -13.8250



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



139.4470, 18.5136, -58.2740



170.6970, 29.2364, -90.9423



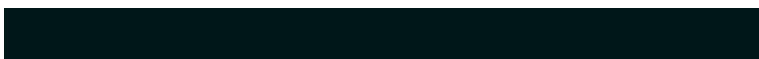
109.5100, 33.2726, -32.0193



85.7220, 1.6161, -5.0182



97.8610, 27.1835, -85.8241



16.4650, 4.7008, -14.4398

Inverse Universe

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



114.6980, 25.2919, 54.6389



132.2670, 39.3084, 85.7118



140.4900, -33.2726, 32.0193



83.6030, 2.1677, 4.7332



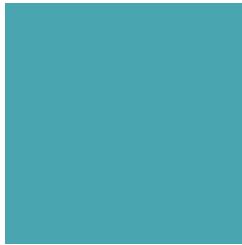
61.3650, 37.2881, 80.3639



10.3960, 6.2138, 13.6847

Previews

White Background



This preview shows how the YUV color 139.4470, 18.5136, -58.2740 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 139.4470, 18.5136, -58.2740 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

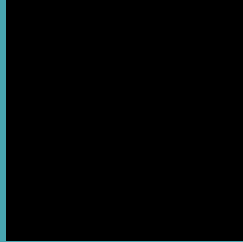
Any Text WCAG AA ✓ Pass

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 139.4470, 18.5136, -58.2740 Background



This preview shows how black text looks on a background with the YUV color 139.4470, 18.5136, -58.2740.

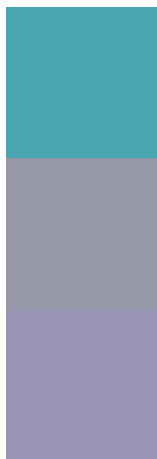


This preview shows how white text looks on a background with the YUV color 139.4470, 18.5136, -58.2740.

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

139.4470, 18.5136, -58.2740

Protanopia

152.5250, 7.1362, -2.2144

Deuteranopia

153.8440, 13.3879, -0.7402



Tritanopia

139.9740, 19.2398, -57.8592

Trichromacy



Original Color

139.4470, 18.5136, -58.2740

Protanomaly

147.5440, 11.5638, -22.4021

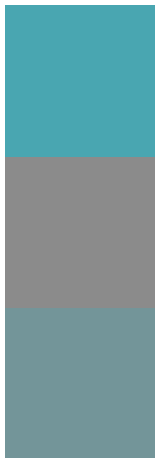
Deuteranomaly

148.5810, 15.4896, -21.5575

Tritanomaly

139.8600, 18.8030, -57.7592

Monochromacy



Original Color

139.4470, 18.5136, -58.2740

Achromatopsia

139.0000, 0.0000, 0.0000

Achromatomaly

139.2900, 6.7590, -21.3023

CSS Examples

Text

The CSS property to change the color of the text to YUV 139.4470, 18.5136, -58.2740 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(73, 166, 177)` looks like.

```
.text, #text, p{  
    color:rgb(73, 166, 177)  
}
```

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(73, 166, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 166, 177) }
```

Border

The CSS property to change the border of an element to YUV 139.4470, 18.5136, -58.2740 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(73, 166, 177) }
```


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

```
.border{ border-color:rgb(73, 166, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(73, 166, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 166, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 166, 177);  
box-shadow:4px 4px 4px 4px rgb(73, 166,  
177) }
```

Background

The CSS property to change the background color of an element to YUV 139.4470, 18.5136, -58.2740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 166, 177) }
```

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

```
.background{ background-color: rgb(73, 166,  
177) }
```

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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