

Converting Colors

YUV(129.0550, 6.3819,
-40.3902)

Have a look what the booklet for
YUV(129.0550, 6.3819, -40.3902)
contains.

YUV(129.0550, 6.3819, -40.3902)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(129.0550, 6.3819,
-40.3902)**

Conversions

Conversions Part 1

Format	Color
Hex	53968E
RGB	83, 150, 142
RGB Percent	33%, 59%, 56%
CMY	0.6745, 0.4118, 0.4431
CMYK	0.45, 0.00, 0.05, 0.41
HSL	173°, 29%, 46%
HSV	173°, 45%, 59%
XYZ	19.3561, 25.6047, 29.5132
YIQ	129.0550, -37.3640, -16.6920

Conversions

Conversions Part 2

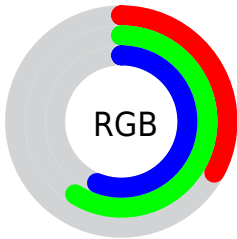
Format	Color
R_{YB}	83, 119, 150
Decimal	5478030
CIE _{Lab}	57.66, -23.33, -2.43
CIE _{LCh}	58, 23.457, 185.957
Yxy	25.6047, 0.2599, 0.3438
Android (android.graphics.Color)	4283668110 (0xFF53968E)
YUV	129.0550, 6.3819, -40.3902
Hunter-Lab	50.6011, -20.2714, 0.8397

Details

The YUV color **129.0550, 6.3819, -40.3902** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **103.9450, -6.3819, 40.3902**, and the grayscale version is **129.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **182.7560, 6.5293, -41.0050**, and **76.9730, 7.4083, -42.9493** is the 20% darker color. If you saturate the color by 10%, you get **124.3420, 7.7194, -49.4119**, and if you desaturate by 10%, it is **133.7680, 5.0444, -31.3685**.

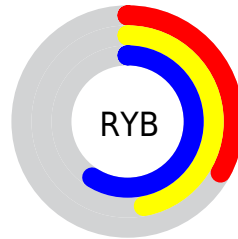
Distribution



Red (33%)

Green (59%)

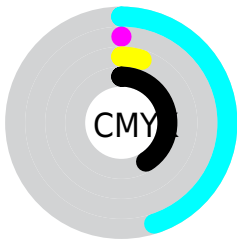
Blue (56%)



Red (33%)

Yellow (47%)

Blue (59%)

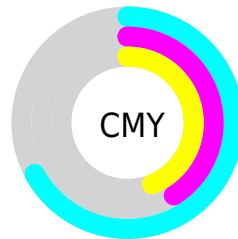


Cyan (45%)

Magenta (0%)

Yellow (5%)

Black (41%)



Cyan (67%)

Magenta (41%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YUV color 129.0550, 6.3819, -40.3902 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 129.0550, 6.3819, -40.3902 by changing the saturation by 10% instead.

■ 129.0550, 6.3819,
-40.3902

■ 129.0550, 6.3819,
-40.3902

■ 255.0000, 0.0000,
0.0000

■ 102.7560, 6.5293,
-41.0050

■ 182.7560, 6.5293,
-41.0050

■ 76.9730, 7.4083,
-42.9493

■ 211.3430, 6.2399,
-41.5198

■ 51.7770, 7.9979,
-45.4084

■ 235.8210, 7.9762,
-38.4310

■ 35.7680, 5.0444,
-31.3685

■ 244.8340, 5.0118,
-20.9024

■ 21.6340, 1.6594,
-18.9730

■ 253.5050, 0.7370,
-3.0739

■ 0.0000, 0.0000,
0.0000

■ 129.0550, 6.3819,
-40.3902

■ 129.0550, 6.3819,
-40.3902

■ 124.3420, 7.7194,
-49.4119

■ 133.7680, 5.0444,
-31.3685

■ 119.6290, 9.0569,
-58.4336

■ 138.4810, 3.7069,
-22.3468

■ 115.0300, 10.8312,
-67.5553

■ 143.0800, 1.9326,
-13.2252

■ 110.3170, 12.1687,
-76.5770

■ 147.7930, 0.5951,
-4.2035

■ 105.6040, 13.5062,
-85.5987

■ 152.5060, -0.7425,
4.8182

■ 103.0980, 14.2487,
-90.4169

■ 157.2190, -2.0800,
13.8399

■ 161.9320, -3.4175,
22.8616

■ 166.5310, -5.1918,

31.9833

■ 171.2440, -6.5293,
41.0050

Harmonies

Analogous

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



131.4670, -5.1602, -24.9656



129.0550, 6.3819, -40.3902



128.6550, 16.4391, -46.1784

Triad

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



129.0550, 6.3819, -40.3902



141.0450, 15.2608, 5.2225



139.0450, -18.2632, 24.5165

Complementary

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



129.0550, 6.3819, -40.3902



103.9450, -6.3819, 40.3902

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.



140.2940, -12.4699, 33.0682



129.0550, 6.3819, -40.3902



141.9780, 6.9128, 22.8213

Square

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



129.0550, 6.3819, -40.3902



137.2810, 20.5675, -16.9094



141.1120, -3.0132, 33.2278



137.3160, -19.3828, 10.2469

Rectangle

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



129.0550, 6.3819, -40.3902



131.0130, 20.2066, -41.2304



141.1120, -3.0132, 33.2278



139.1210, -16.8217, 28.8349

Sweetspot

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



129.0550, 6.3819, -40.3902



186.1830, 2.3748, -15.0695



125.0200, -20.7159, -28.9585



91.9880, 1.4849, -9.6365



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000

Same Dimension

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



129.0550, 6.3819, -40.3902



161.1230, 9.7994, -63.2519



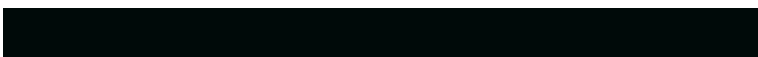
115.2920, 17.1110, -28.3201



71.7930, 0.5951, -4.2035



94.8000, 12.9166, -83.1396



6.8960, 1.0373, -6.0478

Inverse Universe

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



103.9450, -6.3819, 40.3902



121.8770, -9.7994, 63.2519



117.7080, -17.1110, 28.3201



69.0930, -1.0318, 4.3034



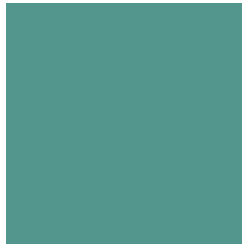
43.0860, -13.3534, 83.2396



3.1040, -1.0373, 6.0478

Previews

White Background



This preview shows how the YUV color 129.0550, 6.3819, -40.3902 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 129.0550, 6.3819, -40.3902 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

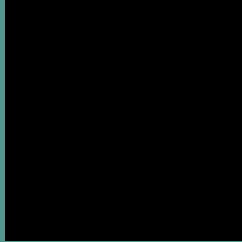
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 129.0550, 6.3819, -40.3902

Background



This preview shows how black text looks on a background with the YUV color 129.0550, 6.3819, -40.3902.



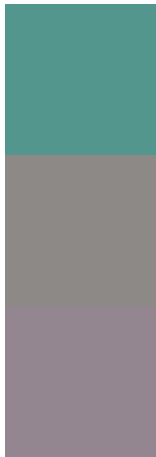
This preview shows how white text looks on a background with the YUV color 129.0550, 6.3819, -40.3902.

-40.3902.

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

129.0550, 6.3819, -40.3902

Protanopia

137.9680, -1.4632, 2.6591

Deuteranopia

139.4400, 2.7411, 7.5071



Tritanopia

130.7270, 13.9386, -37.4716

Trichromacy



Original Color

129.0550, 6.3819, -40.3902

Protanomaly

134.9660, 1.4958, -13.1252

Deuteranomaly

135.6720, 4.1057, -10.2363

Tritanomaly

130.0320, 11.3232, -38.6161

Monochromacy



Original Color

129.0550, 6.3819, -40.3902

Achromatopsia

129.0000, 0.0000, 0.0000

Achromatomaly

129.1830, 2.3748, -15.0695

CSS Examples

Text

The CSS property to change the color of the text to YUV 129.0550, 6.3819, -40.3902 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(83, 150, 142)` looks like.

```
.text, #text, p{  
    color:rgb(83, 150, 142)  
}
```

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(83, 150, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 150, 142) }
```

Border

The CSS property to change the border of an element to YUV 129.0550, 6.3819, -40.3902 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(83, 150, 142) }
```


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

```
.border{ border-color:rgb(83, 150, 142) }
```

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

Here you see how a box with a 4 pixel rgb(83, 150, 142) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 150, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 150, 142);  
box-shadow:4px 4px 4px 4px rgb(83, 150,  
142) }
```

Background

The CSS property to change the background color of an element to YUV 129.0550, 6.3819, -40.3902 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 150, 142) }
```

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

```
.background{ background-color: rgb(83, 150,  
142) }
```

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