

Converting Colors

YUV(154.8440, 3.0349,
-40.2052)

Have a look what the booklet for
YUV(154.8440, 3.0349, -40.2052)
contains.

YUV(154.8440, 3.0349, -40.2052)	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(154.8440, 3.0349,
-40.2052)**

Conversions

Conversions Part 1

Format	Color
Hex	6DB1A1
RGB	109, 177, 161
RGB Percent	43%, 69%, 63%
CMY	0.5725, 0.3059, 0.3686
CMYK	0.38, 0.00, 0.09, 0.31
HSL	166°, 30%, 56%
HSV	166°, 38%, 69%
XYZ	28.4618, 37.2687, 39.4117
YIQ	154.8440, -35.3920, -19.3920

Conversions

Conversions Part 2

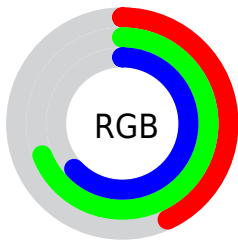
Format	Color
RYB	109, 148, 177
Decimal	7188897
CIELab	67.48, -25.31, 1.39
CIElCh	67, 25.346, 176.848
Yxy	37.2687, 0.2707, 0.3545
Android (android.graphics.Color)	4285378977 (0xFF6DB1A1)
YUV	154.8440, 3.0349, -40.2052
Hunter-Lab	61.0481, -23.6139, 4.4570

Details

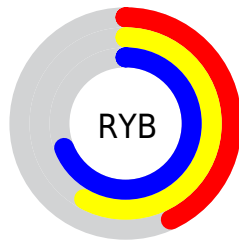
The YUV color **154.8440, 3.0349, -40.2052** is a light color, and the websafe version is hex **669999**. A complement of this color would be **131.1560, -3.0349, 40.2052**, and the grayscale version is **155.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **210.1320, 2.8929, -41.3348**, and **102.0720, 3.9085, -40.4051** is the 20% darker color. If you saturate the color by 10%, you get **149.0060, 3.9410, -50.8713**, and if you desaturate by 10%, it is **160.6820, 2.1288, -29.5391**.

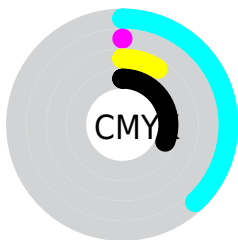
Distribution



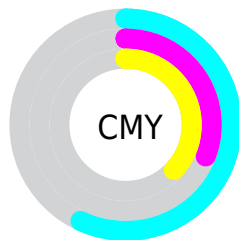
- Red (43%)
- Green (69%)
- Blue (63%)



- Red (43%)
- Yellow (58%)
- Blue (69%)



- Cyan (38%)
- Magenta (0%)
- Yellow (9%)
- Black (31%)




- Cyan (57%)
- Magenta (31%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the YUV color 154.8440, 3.0349, -40.2052 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 154.8440, 3.0349, -40.2052 by changing the saturation by 10% instead.


 154.8440, 3.0349,
-40.2052


 154.8440, 3.0349,
-40.2052


255.0000, 0.0000,
0.0000


 128.2570, 3.3243,
-39.6904

 210.1320, 2.8929,
-41.3348


 102.0720, 3.9085,
-40.4051

 234.6100, 4.6293,
-38.2460


 76.1750, 4.3507,
-42.2495

 244.5350, 5.1592,
-21.5172

 51.0930, 5.3772,
-44.8086

 253.2060, 0.8844,
-3.6887

 34.4970, 2.7130,
-30.2539

 21.0640, -0.5246,
-18.4731

 0.0000, 0.0000,

0.0000

■ 154.8440, 3.0349,
-40.2052

■ 154.8440, 3.0349,
-40.2052

■ 149.0060, 3.9410,
-50.8713

■ 160.6820, 2.1288,
-29.5391

■ 143.4670, 4.6998,
-60.9226

■ 166.2210, 1.3700,
-19.4878

■ 137.6290, 5.6059,
-71.5886

■ 172.0590, 0.4639,
-8.8217

■ 131.6770, 6.0752,
-82.1547

■ 178.0110, -0.0054,
1.7444

■ 125.8390, 6.9814,
-92.8208

■ 183.5500, -0.7641,
11.7957

■ 120.3000, 7.7401,
-102.8721

■ 189.3880, -1.6703,
22.4617

■ 119.2890, 7.7455,
-104.6165

■ 195.2260, -2.5764,
33.1278

■ 201.0640, -3.4826,
43.7939

■ 202.7160, -2.3250,
45.8531

Harmonies

Analogous

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



157.7510, -9.2442, -21.7066



154.8440, 3.0349, -40.2052



153.5790, 14.9976, -50.4968

Triad

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



154.8440, 3.0349, -40.2052



166.0380, 19.2083, -0.9103



165.2740, -18.8691, 32.2087

Complementary

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



154.8440, 3.0349, -40.2052



131.1560, -3.0349, 40.2052

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.



166.7830, -10.7390, 37.9013



154.8440, 3.0349, -40.2052



167.9930, 10.8495, 20.1771

Square

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



154.8440, 3.0349, -40.2052



161.6220, 23.3574, -25.1015



167.9210, 0.0389, 34.2723



163.3770, -21.8779, 17.2094

Rectangle

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



154.8440, 3.0349, -40.2052



155.0830, 20.6651, -48.3078



167.9210, 0.0389, 34.2723



165.8660, -16.6959, 35.1975

Sweetspot

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



154.8440, 3.0349, -40.2052



220.8300, 1.0698, -16.5139



153.9990, -22.1845, -24.5551



109.7600, 0.6113, -9.4365



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.



154.8440, 3.0349, -40.2052



195.4560, 4.7052, -62.6669



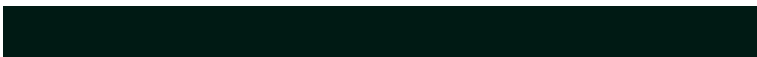
146.6890, 14.9433, -33.0533



86.0810, 0.4531, -5.3330



103.1490, 6.8285, -90.4617



17.5420, 1.2118, -15.3843

Inverse Universe

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



131.1560, -3.0349, 40.2052



158.5440, -4.7052, 62.6669



139.3110, -14.9433, 33.0533



82.9190, -0.4531, 5.3330



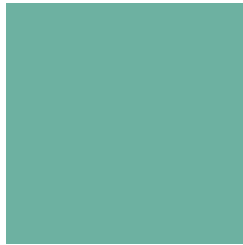
49.8510, -6.8285, 90.4617



8.4580, -1.2118, 15.3843

Previews

White Background



This preview shows how the YUV color 154.8440, 3.0349, -40.2052 looks on a white background.

Color Contrast Check

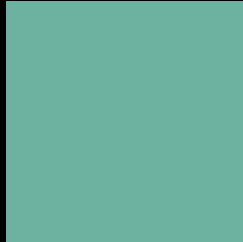
Large Text (above 18pt) WCAG AA × Fail

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 154.8440, 3.0349, -40.2052 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

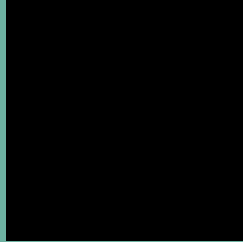
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 154.8440, 3.0349, -40.2052

Background



This preview shows how black text looks on a background with the YUV color 154.8440, 3.0349, -40.2052.

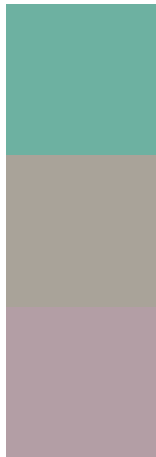


This preview shows how white text looks on a background with the YUV color 154.8440, 3.0349, -40.2052.

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

154.8440, 3.0349, -40.2052

Protanopia

163.6540, -5.2524, 4.6884

Deuteranopia

165.0770, -0.0380, 12.2105



Tritanopia

157.5530, 14.5174, -36.4420

Trichromacy



Original Color

154.8440, 3.0349, -40.2052

Protanomaly

160.3530, -2.1460, -11.7106

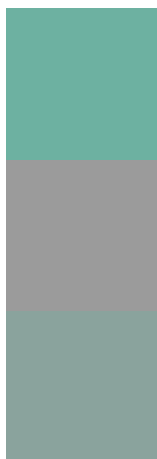
Deuteranomaly

161.5970, 1.1847, -6.6626

Tritanomaly

156.2170, 10.7390, -37.9013

Monochromacy



Original Color

154.8440, 3.0349, -40.2052

Achromatopsia

155.0000, 0.0000, 0.0000

Achromatomaly

154.8410, 1.0644, -14.7696

CSS Examples

Text

The CSS property to change the color of the text to YUV 154.8440, 3.0349, -40.2052 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(109, 177, 161)` looks like.

```
.text, #text, p{  
    color:rgb(109, 177, 161)  
}
```

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(109, 177, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 177, 161) }
```

Border

The CSS property to change the border of an element to YUV 154.8440, 3.0349, -40.2052 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(109, 177, 161) }
```


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

```
.border{ border-color:rgb(109, 177, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 177, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 177, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 177, 161);  
box-shadow:4px 4px 4px 4px rgb(109, 177,  
161) }
```

Background

The CSS property to change the background color of an element to YUV 154.8440, 3.0349, -40.2052 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 177, 161) }
```

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

```
.background{ background-color: rgb(109,  
177, 161) }
```

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