

Converting Colors

YUV(154.5100, -40.1844,
55.6807)

Have a look what the booklet for
YUV(154.5100, -40.1844, 55.6807)
contains.

YUV(154.5100, -40.1844, 55.6807)	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(154.5100, -40.1844,
55.6807)**

Conversions

Conversions Part 1

Format	Color
Hex	DA8A49
RGB	218, 138, 73
RGB Percent	85%, 54%, 29%
CMY	0.1451, 0.4588, 0.7137
CMYK	0.00, 0.37, 0.67, 0.15
HSL	27°, 66%, 57%
HSV	27°, 67%, 85%
XYZ	39.2045, 33.5634, 10.7154
YIQ	154.5100, 68.5450, -3.2550

Conversions

Conversions Part 2

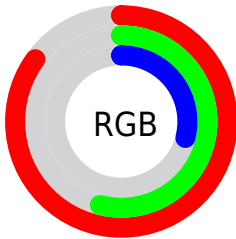
Format	Color
R _Y B	218, 191, 73
Decimal	14322249
CIE Lab	64.61, 24.72, 46.65
CIE LCh	65, 52.796, 62.085
Yxy	33.5634, 0.4696, 0.4020
Android (android.graphics.Color)	4292512329 (0xFFDA8A49)
YUV	154.5100, -40.1844, 55.6807
Hunter-Lab	57.9339, 19.4084, 29.5875

Details

The YUV color **154.5100, -40.1844, 55.6807** is a dark color, and the websafe version is hex **FF9966**. The color can be described as middle muted orange. A complement of this color would be **136.4900, 40.1844, -55.6807**, and the grayscale version is **155.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **203.0850, -38.9889, 45.5295**, and **100.9330, -38.4210, 50.0478** is the 20% darker color. If you saturate the color by 10%, you get **144.9580, -46.3213, 64.0578**, and if you desaturate by 10%, it is **164.0620, -34.0476, 47.3036**.

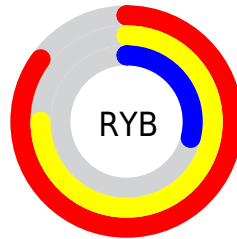
Distribution



Red (85%)

Green (54%)

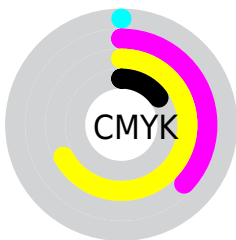
Blue (29%)



Red (85%)

Yellow (75%)

Blue (29%)

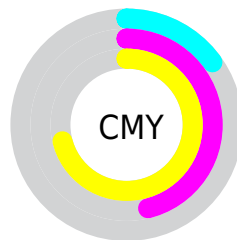


Cyan (0%)

Magenta (37%)

Yellow (67%)

Black (15%)



Cyan (15%)

Magenta (46%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 154.5100, -40.1844, 55.6807 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 154.5100, -40.1844, 55.6807 by changing the saturation by 10% instead.

154.5100,
-40.1844, 55.6807

154.5100,
-40.1844, 55.6807

255.0000, 0.0000,
0.0000

127.4280,
-39.1580, 53.1216

203.0850,
-38.9889, 45.5295

100.9330,
-38.4210, 50.0478

222.4850,
-35.7351, 28.5157

76.1390, -37.5365,
46.3591

242.1130,
-31.6077, 11.3019

54.2660, -26.7531,
40.9857

249.3000,
-21.8399, 4.9989

32.3930, -15.9697,
35.6123

252.6060, -9.1728,
2.0995

14.0530, -6.9281,
28.8945

1.1960, -0.5896,

2.4591

■ 0.0000, 0.0000,
0.0000

■ 154.5100,
-40.1844, 55.6807

■ 154.5100,
-40.1844, 55.6807

■ 144.9580,
-46.3213, 64.0578

■ 164.0620,
-34.0476, 47.3036

■ 135.4060,
-52.4582, 72.4349

■ 173.6140,
-27.9107, 38.9265

■ 125.9680,
-58.1582, 80.7121

■ 183.0520,
-22.2106, 30.6494

■ 122.7080,
-60.4950, 83.5711

■ 192.6040,
-16.0738, 22.2723

■ 202.1560, -9.9369,
13.8952

■ 211.7080, -3.8000,
5.5181

■ 221.2600, 2.3368,
-2.8590

■ 230.6980, 8.0369,
-11.1361

■ 238.6540, 8.0586,
-18.1136

Harmonies

Analogous

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



155.5120, -22.9304, 74.9730



154.5100, -40.1844, 55.6807



151.3030, -46.4914, 25.1673

Triad

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



154.5100, -40.1844, 55.6807



123.7860, 17.3605, -108.5603



159.6960, 38.1109, 2.8976

Complementary

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



154.5100, -40.1844, 55.6807



136.4900, 40.1844, -55.6807

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.



143.1540, 53.1681, -66.7871



154.5100, -40.1844, 55.6807



128.4430, 37.7426, -112.6445

Square

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



154.5100, -40.1844, 55.6807



135.9880, -12.3191, -62.2565



128.7970, 54.3301, -112.9550



161.2860, 20.0720, 48.8612

Rectangle

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



154.5100, -40.1844, 55.6807



148.7020, -41.7581, 0.2613



128.7970, 54.3301, -112.9550



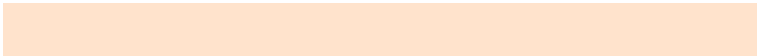
156.5410, 43.1173, -16.2605

Sweetspot

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



154.5100, -40.1844, 55.6807



232.7500, -14.1737, 19.5133



125.7030, 14.4434, 80.9445



114.4870, -8.6211, 11.8509



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



154.5100, -40.1844, 55.6807



165.4130, -56.4056, 78.5678



195.6000, -60.4418, 19.6448



105.2240, -3.0684, 4.1886



97.5130, -48.0739, 66.2021



26.0810, -12.8579, 17.4690

Inverse Universe

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



136.4900, 40.1844, -55.6807



140.5870, 56.4056, -78.5678



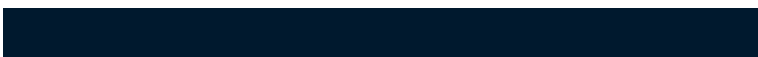
95.4000, 60.4418, -19.6448



103.7760, 3.0684, -4.1886



76.0740, 47.7845, -66.7169



19.9190, 12.8579, -17.4690

Previews

White Background



This preview shows how the YUV color 154.5100, -40.1844, 55.6807 looks on a white background.

Color Contrast Check

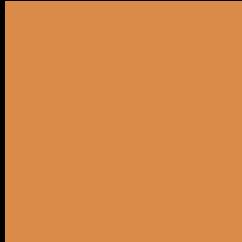
Large Text (above 18pt) WCAG AA × Fail

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 154.5100, -40.1844, 55.6807 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

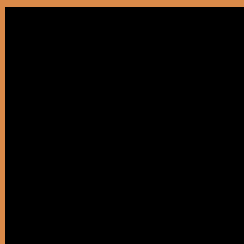
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 154.5100, -40.1844, 55.6807

Background



This preview shows how black text looks on a background with the YUV color 154.5100, -40.1844, 55.6807.



This preview shows how white text looks on a background with the YUV color 154.5100, -40.1844, 55.6807.

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

154.5100, -40.1844, 55.6807

Protanopia

153.1910, -36.5762, 18.2495

Deuteranopia

153.7480, -41.2878, 36.1780



Tritanopia

158.6480, -9.1935, 55.5597

Trichromacy



Original Color

154.5100, -40.1844, 55.6807

Protanomaly

153.6380, -37.7825, 31.8895

Deuteranomaly

153.9060, -40.8727, 43.0554

Tritanomaly

157.3740, -20.3974, 55.8000

Monochromacy



Original Color

154.5100, -40.1844, 55.6807

Achromatopsia

155.0000, 0.0000, 0.0000

Achromatomaly

154.9350, -14.7580, 20.2280

CSS Examples

Text

The CSS property to change the color of the text to YUV 154.5100, -40.1844, 55.6807 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(218, 138, 73)` looks like.

```
.text, #text, p{  
    color:rgb(218, 138, 73)  
}
```

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(218, 138, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 138, 73) }
```

Border

The CSS property to change the border of an element to YUV 154.5100, -40.1844, 55.6807 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(218, 138, 73) }
```


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

```
.border{ border-color:rgb(218, 138, 73) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 138, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 138, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 138, 73);  
box-shadow:4px 4px 4px 4px rgb(218, 138,  
73) }
```

Background

The CSS property to change the background color of an element to YUV 154.5100, -40.1844, 55.6807 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 138, 73) }
```

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

```
.background{ background-color: rgb(218,  
138, 73) }
```

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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