

Converting Colors

YUV(153.9450, -39.9059,
59.6842)

Have a look what the booklet for
YUV(153.9450, -39.9059, 59.6842)
contains.

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Color

**YUV(153.9450, -39.9059,
59.6842)**

Conversions

Conversions Part 1

Format	Color
Hex	DE8749
RGB	222, 135, 73
RGB Percent	87%, 53%, 29%
CMY	0.1294, 0.4706, 0.7137
CMYK	0.00, 0.39, 0.67, 0.13
HSL	25°, 69%, 58%
HSV	25°, 67%, 87%
XYZ	39.9908, 33.3386, 10.6306
YIQ	153.9450, 71.7540, -0.8380

Conversions

Conversions Part 2

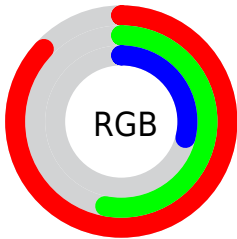
Format	Color
R _Y B	222, 179, 73
Decimal	14583625
CIE Lab	64.43, 27.97, 46.59
CIE LCh	64, 54.336, 59.023
Yxy	33.3386, 0.4763, 0.3971
Android (android.graphics.Color)	4292773705 (0xFFDE8749)
YUV	153.9450, -39.9059, 59.6842
Hunter-Lab	57.7396, 22.5859, 29.5017

Details

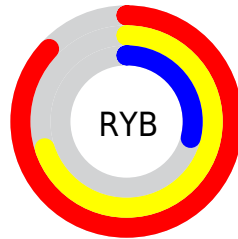
The YUV color **153.9450, -39.9059, 59.6842** is a dark color, and the websafe version is hex **FF9966**. The color can be described as middle muted orange. A complement of this color would be **141.0550, 39.9059, -59.6842**, and the grayscale version is **154.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **201.3240, -38.1207, 47.0739**, and **100.3680, -38.1424, 54.0513** is the 20% darker color. If you saturate the color by 10%, you get **143.8060, -45.7534, 68.5761**, and if you desaturate by 10%, it is **164.0840, -34.0584, 50.7923**.

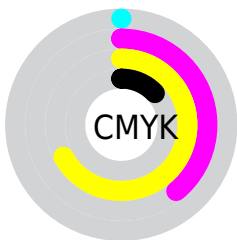
Distribution



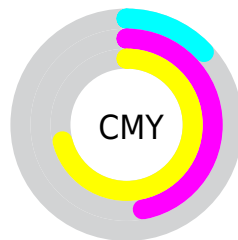
- Red (87%)
- Green (53%)
- Blue (29%)



- Red (87%)
- Yellow (70%)
- Blue (29%)



- Cyan (0%)
- Magenta (39%)
- Yellow (67%)
- Black (13%)



- Cyan (13%)
- Magenta (47%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 153.9450, -39.9059, 59.6842 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 153.9450, -39.9059, 59.6842 by changing the saturation by 10% instead.

153.9450,
-39.9059, 59.6842

153.9450,
-39.9059, 59.6842

255.0000, 0.0000,
0.0000

126.8630,
-38.8795, 57.1251

201.3240,
-38.1207, 47.0739

100.3680,
-38.1424, 54.0513

220.7240,
-34.8669, 30.0601

74.9870, -36.9686,
50.8774

240.2380,
-31.1763, 12.9463

52.8150, -26.0378,
44.8892

249.3000,
-21.8399, 4.9989

30.3550, -14.9650,
40.0307

252.6060, -9.1728,
2.0995

14.6510, -7.2229,
30.1241

2.9900, -1.4741,

6.1478

■ 0.0000, 0.0000,
0.0000

■ 153.9450,
-39.9059, 59.6842

■ 153.9450,
-39.9059, 59.6842

■ 143.8060,
-45.7534, 68.5761

■ 164.0840,
-34.0584, 50.7923

■ 133.6670,
-51.6008, 77.4680

■ 174.2230,
-28.2109, 41.9004

■ 123.4140,
-57.8851, 86.4599

■ 184.4760,
-21.9267, 32.9085

■ 120.3820,
-59.3483, 89.1190

■ 194.6150,
-16.0792, 24.0166

■ 204.7540,
-10.2317, 15.1247

■ 214.8930, -4.3842,
6.2328

■ 225.0320, 1.4632,
-2.6591

■ 235.2850, 7.7475,
-11.6509

■ 243.3720, 5.7326,
-18.7432

Harmonies

Analogous

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



154.9900, -21.1941, 78.0618



153.9450, -39.9059, 59.6842



150.8690, -48.2494, 29.0559

Triad

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



153.9450, -39.9059, 59.6842



123.1020, 14.7397, -107.9605



158.3470, 40.7479, -2.9353

Complementary

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



153.9450, -39.9059, 59.6842



141.0550, 39.9059, -59.6842

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.



134.9990, 58.1745, -85.9451



153.9450, -39.9059, 59.6842



128.1010, 36.4322, -112.3446

Square

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



153.9450, -39.9059, 59.6842



136.0980, -15.8243, -57.9679



129.3840, 54.0407, -113.4698



160.9590, 22.6982, 46.5170

Rectangle

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



153.9450, -39.9059, 59.6842



148.0400, -44.3897, 4.3499



129.3840, 54.0407, -113.4698



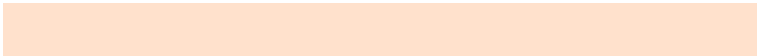
155.1810, 45.7598, -23.8377

Sweetspot

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



153.9450, -39.9059, 59.6842



231.5760, -13.5950, 20.5428



127.6970, 16.9114, 82.7037



113.9000, -8.3317, 12.3657



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.



153.9450, -39.9059, 59.6842



160.3750, -55.4009, 82.9861



196.2090, -60.7420, 22.6187



107.2240, -3.0684, 4.1886



95.4750, -47.0692, 70.6204



26.0920, -12.8634, 19.2133

Inverse Universe

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



141.0550, 39.9059, -59.6842



142.6250, 55.4009, -82.9861



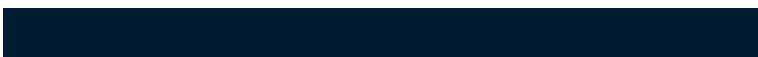
98.7910, 60.7420, -22.6187



106.3630, 2.7790, -4.7034



80.5250, 47.0692, -70.6204



21.9080, 12.8634, -19.2133

Previews

White Background



This preview shows how the YUV color 153.9450, -39.9059, 59.6842 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 153.9450, -39.9059, 59.6842 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 153.9450, -39.9059, 59.6842 Background



This preview shows how black text looks on a background with the YUV color 153.9450, -39.9059, 59.6842.



This preview shows how white text looks on a background with the YUV color 153.9450, -39.9059, 59.6842.

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

153.9450, -39.9059, 59.6842

Protanopia

153.0060, -35.9920, 17.5347

Deuteranopia

153.4490, -41.1404, 35.5632



Tritanopia

158.3280, -10.5147, 59.3483

Trichromacy



Original Color

153.9450, -39.9059, 59.6842

Protanomaly

153.3500, -37.6405, 33.0191

Deuteranomaly

153.6180, -40.7307, 44.1850

Tritanomaly

157.1680, -21.2818, 59.4887

Monochromacy



Original Color

153.9450, -39.9059, 59.6842

Achromatopsia

154.0000, 0.0000, 0.0000

Achromatomaly

154.0600, -14.3266, 21.8724

CSS Examples

Text

The CSS property to change the color of the text to YUV 153.9450, -39.9059, 59.6842 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(222, 135, 73)` looks like.

```
.text, #text, p{  
    color:rgb(222, 135, 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(222, 135, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 135, 73) }
```

Border

The CSS property to change the border of an element to YUV 153.9450, -39.9059, 59.6842 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(222, 135, 73) }
```


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

```
.border{ border-color:rgb(222, 135, 73) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 135, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 135, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 135, 73);  
box-shadow:4px 4px 4px 4px rgb(222, 135,  
73) }
```

Background

The CSS property to change the background color of an element to YUV 153.9450, -39.9059, 59.6842 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 135, 73) }
```

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

```
.background{ background-color: rgb(222,  
135, 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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