

Converting Colors

YUV(151.2450, -41.5328,
68.1911)

Have a look what the booklet for
YUV(151.2450, -41.5328, 68.1911)
contains.

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Color

**YUV(151.2450, -41.5328,
68.1911)**

Conversions

Conversions Part 1

Format	Color
Hex	E58043
RGB	229, 128, 67
RGB Percent	90%, 50%, 26%
CMY	0.1020, 0.4980, 0.7373
CMYK	0.00, 0.44, 0.71, 0.10
HSL	23°, 76%, 58%
HSV	23°, 71%, 90%
XYZ	41.0454, 32.5016, 9.4203
YIQ	151.2450, 79.7770, 2.4410

Conversions

Conversions Part 2

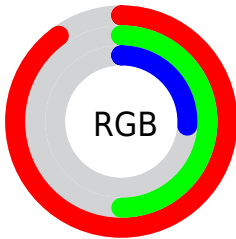
Format	Color
R _Y B	229, 165, 67
Decimal	15040579
CIE Lab	63.76, 34.16, 49.05
CIE LCh	64, 59.774, 55.148
Yxy	32.5016, 0.4947, 0.3917
Android (android.graphics.Color)	4293230659 (0xFFE58043)
YUV	151.2450, -41.5328, 68.1911
Hunter-Lab	57.0102, 28.7461, 30.1101

Details

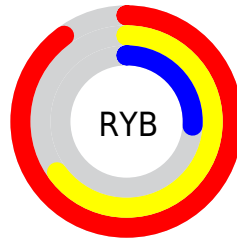
The YUV color **151.2450, -41.5328, 68.1911** is a dark color, and the websafe version is hex **CC6633**. The color can be described as middle muted orange. A complement of this color would be **144.7550, 41.5328, -68.1911**, and the grayscale version is **152.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **196.5310, -38.7158, 51.2773**, and **97.2550, -40.0587, 62.0434** is the 20% darker color. If you saturate the color by 10%, you get **140.4050, -47.5277, 77.6978**, and if you desaturate by 10%, it is **162.0850, -35.5379, 58.6845**.

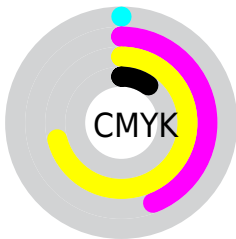
Distribution



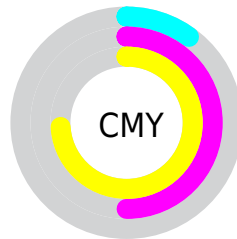
- Red (90%)
- Green (50%)
- Blue (26%)



- Red (90%)
- Yellow (65%)
- Blue (26%)



- Cyan (0%)
- Magenta (44%)
- Yellow (71%)
- Black (10%)



- Cyan (10%)
- Magenta (50%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the YUV color 151.2450, -41.5328, 68.1911 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 151.2450, -41.5328, 68.1911 by changing the saturation by 10% instead.

151.2450,
-41.5328, 68.1911

151.2450,
-41.5328, 68.1911

255.0000, 0.0000,
0.0000

123.8640,
-40.3590, 65.0173

196.5310,
-38.7158, 51.2773

97.2550, -40.0587,
62.0434

215.9310,
-35.4620, 34.2635

72.3730, -35.6799,
57.5549

235.4450,
-31.7714, 17.1497

49.0270, -24.1703,
52.5963

248.6160,
-24.4607, 5.5988

23.9200, -11.7926,
49.1822

251.8080,
-12.2303, 2.7994

15.8470, -7.8126,
32.5832

5.0830, -2.5059,

10.4512

■ 0.0000, 0.0000,
0.0000

■ 151.2450,
-41.5328, 68.1911

■ 151.2450,
-41.5328, 68.1911

■ 140.4050,
-47.5277, 77.6978

■ 162.0850,
-35.5379, 58.6845

■ 128.9780,
-53.2332, 87.7193

■ 173.5120,
-29.8324, 48.6630

■ 118.9530,
-58.6438, 96.5112

■ 184.3520,
-23.8375, 39.1563

■ 195.1920,
-17.8427, 29.6496

■ 206.0320,
-11.8478, 20.1429

■ 217.3450, -6.5791,
10.2214

■ 228.1850, -0.5842,
0.7148

■ 239.0250, 5.4107,
-8.7919

■ 247.2260, 3.8326,
-15.9842

Harmonies

Analogous

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



151.5010, -19.4740, 86.3836



151.2450, -41.5328, 68.1911



148.6050, -54.5283, 36.3034

Triad

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



151.2450, -41.5328, 68.1911



122.0760, 10.8085, -107.0607



155.0020, 47.3270, -13.1568

Complementary

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



151.2450, -41.5328, 68.1911



144.7550, 41.5328, -68.1911

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.



124.7510, 64.2128, -109.4066



151.2450, -41.5328, 68.1911



128.2320, 34.3956, -112.4595

Square

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



151.2450, -41.5328, 68.1911



133.0180, -21.2079, -57.8978



130.1990, 54.6249, -114.1845



158.7400, 28.2292, 45.8320

Rectangle

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



151.2450, -41.5328, 68.1911



145.5370, -51.5367, 10.0531



130.1990, 54.6249, -114.1845



148.8030, 52.3551, -39.2922

Sweetspot

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



151.2450, -41.5328, 68.1911



229.4730, -14.0372, 22.3872



127.1800, 21.1103, 89.2961



112.6120, -8.1897, 13.4953



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.



151.2450, -41.5328, 68.1911



151.0170, -55.7174, 91.1931



197.6180, -64.3947, 27.5220



109.5230, -3.2158, 4.8033



92.8500, -45.7750, 75.5536



26.4020, -13.0162, 21.5724

Inverse Universe

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



144.7550, 41.5328, -68.1911



141.9830, 55.7174, -91.1931



98.3820, 64.3947, -27.5220



108.4770, 3.2158, -4.8033



85.5630, 46.0644, -75.0388



24.5980, 13.0162, -21.5724

Previews

White Background



This preview shows how the YUV color 151.2450, -41.5328, 68.1911 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 151.2450, -41.5328, 68.1911 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 151.2450, -41.5328, 68.1911 Background



This preview shows how black text looks on a background with the YUV color 151.2450, -41.5328, 68.1911.



This preview shows how white text looks on a background with the YUV color 151.2450, -41.5328,

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

151.2450, -41.5328, 68.1911

Protanopia

150.6640, -37.3024, 17.8347

Deuteranopia

151.0640, -43.9086, 36.7779



Tritanopia

155.2150, -12.4310, 67.3404

Trichromacy



Original Color

151.2450, -41.5328, 68.1911

Protanomaly

150.7310, -38.8144, 36.1929

Deuteranomaly

151.0700, -42.9255, 48.1736

Tritanomaly

154.0550, -23.1981, 67.4808

Monochromacy



Original Color

151.2450, -41.5328, 68.1911

Achromatopsia

151.0000, 0.0000, 0.0000

Achromatomaly

151.1420, -15.3530, 24.4315

CSS Examples

Text

The CSS property to change the color of the text to YUV 151.2450, -41.5328, 68.1911 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(229, 128, 67)` looks like.

```
.text, #text, p{  
    color:rgb(229, 128, 67)  
}
```

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(229, 128, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 128, 67) }
```

Border

The CSS property to change the border of an element to YUV 151.2450, -41.5328, 68.1911 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(229, 128, 67) }
```


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

```
.border{ border-color:rgb(229, 128, 67) }
```

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

Here you see how a box with a 4 pixel rgb(229, 128, 67) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 128, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 128, 67);  
box-shadow:4px 4px 4px 4px rgb(229, 128,  
67) }
```

Background

The CSS property to change the background color of an element to YUV 151.2450, -41.5328, 68.1911 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 128, 67) }
```

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

```
.background{ background-color: rgb(229,  
128, 67) }
```

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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