

Converting Colors

YUV(151.6800, -41.2542,
72.1946)

Have a look what the booklet for
YUV(151.6800, -41.2542, 72.1946)
contains.

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Color

**YUV(151.6800, -41.2542,
72.1946)**

Conversions

Conversions Part 1

Format	Color
Hex	EA7E44
RGB	234, 126, 68
RGB Percent	92%, 49%, 27%
CMY	0.0824, 0.5059, 0.7333
CMYK	0.00, 0.46, 0.71, 0.08
HSL	21°, 80%, 59%
HSV	21°, 71%, 92%
XYZ	42.4359, 32.8315, 9.5693
YIQ	151.6800, 82.9860, 4.8580

Conversions

Conversions Part 2

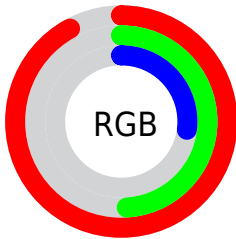
Format	Color
R_{YB}	234, 157, 68
Decimal	15367748
CIE _{Lab}	64.02, 37.22, 49.05
CIE _{LCh}	64, 61.574, 52.810
Yxy	32.8315, 0.5002, 0.3870
Android (android.graphics.Color)	4293557828 (0xFFEA7E44)
YUV	151.6800, -41.2542, 72.1946
Hunter-Lab	57.2988, 31.9257, 30.2073

Details

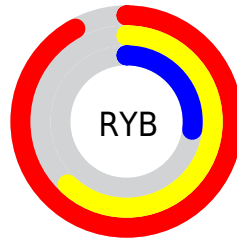
The YUV color **151.6800, -41.2542, 72.1946** is a dark color, and the websafe version is hex **CC6633**. The color can be described as middle muted orange. A complement of this color would be **150.3200, 41.2542, -72.1946**, and the grayscale version is **152.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **195.4710, -37.7002, 52.2069**, and **97.5050, -39.1960, 65.3321** is the 20% darker color. If you saturate the color by 10%, you get **140.2530, -46.9597, 82.2161**, and if you desaturate by 10%, it is **163.1070, -35.5488, 62.1732**.

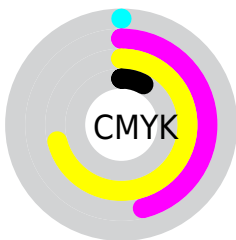
Distribution



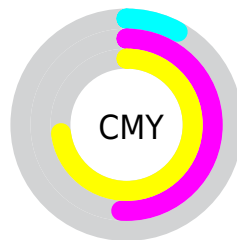
- Red (92%)
- Green (49%)
- Blue (27%)



- Red (92%)
- Yellow (62%)
- Blue (27%)



- Cyan (0%)
- Magenta (46%)
- Yellow (71%)
- Black (8%)



- Cyan (8%)
- Magenta (51%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YUV color 151.6800, -41.2542, 72.1946 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 151.6800, -41.2542, 72.1946 by changing the saturation by 10% instead.

151.6800,
-41.2542, 72.1946

151.6800,
-41.2542, 72.1946

255.0000, 0.0000,
0.0000

124.2990,
-40.0804, 69.0208

195.4710,
-37.7002, 52.2069

97.5050, -39.1960,
65.3321

214.8710,
-34.4464, 35.1931

71.8080, -35.4013,
61.5584

234.9720,
-31.0452, 17.5646

47.8750, -23.6024,
57.1146

248.7300,
-24.0239, 5.4988

24.8170, -12.2348,
51.0265

251.9220,
-11.7935, 2.6994

16.7440, -8.2548,
34.4275

7.2900, -3.1010,

14.6547

■ 0.0000, 0.0000,
0.0000

■ 151.6800,
-41.2542, 72.1946

■ 151.6800,
-41.2542, 72.1946

■ 140.2530,
-46.9597, 82.2161

■ 163.1070,
-35.5488, 62.1732

■ 128.7120,
-53.1020, 92.3376

■ 174.6480,
-29.4065, 52.0517

■ 118.1000,
-58.2233, 101.6443

■ 186.6620,
-23.9904, 41.5154

■ 198.2030,
-17.8481, 31.3940

■ 209.6300,
-12.1426, 21.3725

■ 221.0570, -6.4371,
11.3510

■ 233.1850, -0.5842,
0.7148

■ 244.6120, 5.1213,
-9.3067

■ 248.7210, 3.0955,
-12.9103

Harmonies

Analogous

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



151.9790, -17.7376, 89.4724



151.6800, -41.2542, 72.1946



149.1710, -56.2863, 40.1920

Triad

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



151.6800, -41.2542, 72.1946



122.2070, 8.7719, -107.1755



154.2400, 49.6747, -19.5045

Complementary

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



151.6800, -41.2542, 72.1946



150.3200, 41.2542, -72.1946

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.



125.9250, 63.6340, -110.4362



151.6800, -41.2542, 72.1946



128.5910, 33.2326, -112.7743

Square

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



151.6800, -41.2542, 72.1946



133.9430, -24.1289, -54.3240



131.4870, 54.4829, -115.3141



159.4130, 30.8554, 43.4878

Rectangle

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



151.6800, -41.2542, 72.1946



146.3480, -54.8946, 13.7268



131.4870, 54.4829, -115.3141



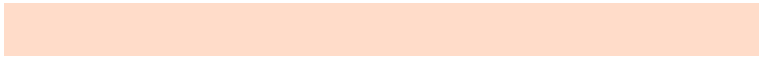
146.0900, 53.6926, -48.3139

Sweetspot

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



151.6800, -41.2542, 72.1946



228.2990, -13.4584, 23.4168



130.2880, 24.0150, 90.9554



112.0250, -7.9003, 14.0101



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.



151.6800, -41.2542, 72.1946



147.4950, -53.9810, 94.2819



198.6400, -64.4055, 31.0107



111.6370, -2.7790, 4.7034



91.1000, -44.9123, 78.8423



27.2990, -13.4584, 23.4168

Inverse Universe

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



150.3200, 41.2542, -72.1946



145.5050, 53.9810, -94.2819



103.3600, 64.4055, -31.0107



111.3630, 2.7790, -4.7034



89.9000, 44.9123, -78.8423



26.7010, 13.4584, -23.4168

Previews

White Background



This preview shows how the YUV color 151.6800, -41.2542, 72.1946 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 151.6800, -41.2542, 72.1946 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 151.6800, -41.2542, 72.1946

Background



This preview shows how black text looks on a background with the YUV color 151.6800, -41.2542, 72.1946.



This preview shows how white text looks on a background with the YUV color 151.6800, -41.2542, 72.1946.

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

151.6800, -41.2542, 72.1946

Protanopia

151.7780, -36.8656, 17.7347

Deuteranopia

151.9500, -44.3454, 36.8778



Tritanopia

155.3080, -13.4628, 71.6439

Trichromacy



Original Color

151.6800, -41.2542, 72.1946

Protanomaly

151.8560, -38.3830, 37.8373

Deuteranomaly

151.9670, -43.3677, 50.0179

Tritanomaly

154.2620, -23.7932, 71.6842

Monochromacy



Original Color

151.6800, -41.2542, 72.1946

Achromatopsia

152.0000, 0.0000, 0.0000

Achromatomaly

152.1530, -15.3584, 26.1758

CSS Examples

Text

The CSS property to change the color of the text to YUV 151.6800, -41.2542, 72.1946 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(234, 126, 68)` looks like.

```
.text, #text, p{  
    color:rgb(234, 126, 68)  
}
```

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(234, 126, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 126, 68) }
```

Border

The CSS property to change the border of an element to YUV 151.6800, -41.2542, 72.1946 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(234, 126, 68) }
```


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

```
.border{ border-color:rgb(234, 126, 68) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 126, 68)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 126, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 126, 68);  
box-shadow:4px 4px 4px 4px rgb(234, 126,  
68) }
```

Background

The CSS property to change the background color of an element to YUV 151.6800, -41.2542, 72.1946 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 126, 68) }
```

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

```
.background{ background-color: rgb(234,  
126, 68) }
```

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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