

Converting Colors

YUV(151.4040, -46.0482,
69.8057)

Have a look what the booklet for
YUV(151.4040, -46.0482, 69.8057)
contains.

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Color

**YUV(151.4040, -46.0482,
69.8057)**

Conversions

Conversions Part 1

Format	Color
Hex	E7813A
RGB	231, 129, 58
RGB Percent	91%, 51%, 23%
CMY	0.0941, 0.4941, 0.7725
CMYK	0.00, 0.44, 0.75, 0.09
HSL	25°, 78%, 57%
HSV	25°, 75%, 91%
XYZ	41.5690, 32.9949, 8.1807
YIQ	151.4040, 83.5830, -0.4570

Conversions

Conversions Part 2

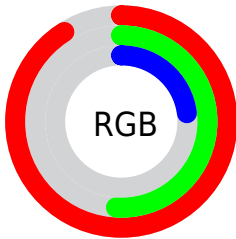
Format	Color
R _Y B	231, 178, 58
Decimal	15171898
CIE Lab	64.16, 34.03, 53.81
CIE LCh	64, 63.665, 57.692
Yxy	32.9949, 0.5024, 0.3988
Android (android.graphics.Color)	4293361978 (0xFFE7813A)
YUV	151.4040, -46.0482, 69.8057
Hunter-Lab	57.4412, 28.6545, 31.7648

Details

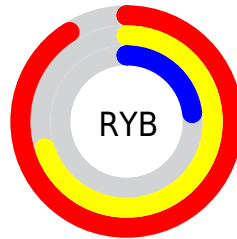
The YUV color **151.4040, -46.0482, 69.8057** is a dark color, and the websafe version is hex **CC6633**. The color can be described as middle washed orange. A complement of this color would be **137.5960, 46.0482, -69.8057**, and the grayscale version is **152.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **196.0920, -42.9364, 51.6623**, and **96.3170, -47.4843, 63.7430** is the 20% darker color. If you saturate the color by 10%, you get **140.5640, -52.0431, 79.3124**, and if you desaturate by 10%, it is **162.2440, -40.0533, 60.2990**.

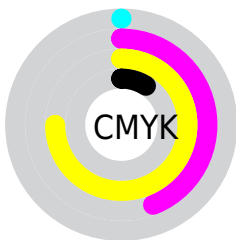
Distribution



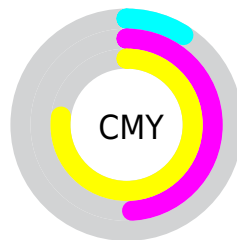
- Red (91%)
- Green (51%)
- Blue (23%)



- Red (91%)
- Yellow (70%)
- Blue (23%)



- Cyan (0%)
- Magenta (44%)
- Yellow (75%)
- Black (9%)



- Cyan (9%)
- Magenta (49%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the YUV color 151.4040, -46.0482, 69.8057 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 151.4040, -46.0482, 69.8057 by changing the saturation by 10% instead.

151.4040,
-46.0482, 69.8057

151.4040,
-46.0482, 69.8057

255.0000, 0.0000,
0.0000

123.9090,
-45.3111, 66.7318

196.0920,
-42.9364, 51.6623

96.3170, -47.4843,
63.7430

215.4920,
-39.6826, 34.6485

73.2590, -36.1167,
57.6549

235.0060,
-35.9920, 17.5347

49.9130, -24.6071,
52.6963

247.5900,
-28.3919, 6.4986

24.8060, -12.2294,
49.2821

250.7820,
-16.1615, 3.6992

16.1460, -7.9600,
33.1980

254.0880, -3.4944,

5.9800, -2.9481,

0.7998

12.2955

■ 0.0000, 0.0000,
0.0000

■ 151.4040,
-46.0482, 69.8057

■ 151.4040,
-46.0482, 69.8057

■ 140.5640,
-52.0431, 79.3124

■ 162.2440,
-40.0533, 60.2990

■ 130.3110,
-58.3273, 88.3043

■ 172.4970,
-33.7690, 51.3071


■ 124.8340,
-61.5432, 93.1076

■ 183.3370,
-27.7741, 41.8005

■ 193.5900,
-21.4899, 32.8086

■ 204.4300,
-15.4950, 23.3019

 215.3840, -9.0633,
13.6952

 225.6370, -2.7790,
4.7034

 236.4770, 3.2158,
-4.8033

 246.0630, 4.4059,
-13.2103

Harmonies

Analogous

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



151.1380, -22.2530, 91.0870



151.4040, -46.0482, 69.8057



147.8130, -60.0538, 35.2440

Triad

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



151.4040, -46.0482, 69.8057



123.8200, 12.4137, -108.5901



156.3770, 48.6211, -8.2236

Complementary

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



151.4040, -46.0482, 69.8057



137.5960, 46.0482, -69.8057

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



151.4040, -46.0482, 69.8057



130.4320, 37.7480, -114.3889

Square

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



151.4040, -46.0482, 69.8057



128.7280, -18.1069, -72.5525



131.9260, 58.7035, -115.6991



159.1970, 28.4969, 53.3242

Rectangle

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



151.4040, -46.0482, 69.8057



144.7770, -55.5991, 6.3346



131.9260, 58.7035, -115.6991



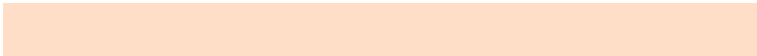
150.0100, 51.7601, -35.0888

Sweetspot

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



151.4040, -46.0482, 69.8057



229.2450, -14.9108, 22.5871



121.5830, 19.9256, 95.9587



112.3840, -9.0633, 13.6952



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.



151.4040, -46.0482, 69.8057



149.5350, -61.3958, 92.4928



201.2990, -70.6464, 26.0478



109.5230, -3.2158, 4.8033



96.3720, -47.5114, 72.4648



27.5760, -13.5950, 20.5428

Inverse Universe

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



137.5960, 46.0482, -69.8057



131.0520, 61.1064, -93.0076



87.7010, 70.6464, -26.0478



108.4770, 3.2158, -4.8033



82.0410, 47.8008, -71.9500



23.4240, 13.5950, -20.5428

Previews

White Background



This preview shows how the YUV color 151.4040, -46.0482, 69.8057 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 151.4040, -46.0482, 69.8057 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 151.4040, -46.0482, 69.8057

Background



This preview shows how black text looks on a background with the YUV color 151.4040, -46.0482, 69.8057.



This preview shows how white text looks on a background with the YUV color 151.4040, -46.0482, 69.8057.

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

151.4040, -46.0482, 69.8057

Protanopia

151.1220, -41.9651, 20.0640

Deuteranopia

151.1090, -48.8607, 38.4924



Tritanopia

156.1120, -12.8732, 69.1848

Trichromacy



Original Color

151.4040, -46.0482, 69.8057

Protanomaly

151.1890, -43.4772, 38.4222

Deuteranomaly

151.1150, -47.8777, 49.8881

Tritanomaly

154.6100, -24.9507, 69.6250

Monochromacy



Original Color

151.4040, -46.0482, 69.8057

Achromatopsia

151.0000, 0.0000, 0.0000

Achromatomaly

151.0990, -16.8108, 25.3462

CSS Examples

Text

The CSS property to change the color of the text to YUV 151.4040, -46.0482, 69.8057 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(231, 129, 58)` looks like.

```
.text, #text, p{  
    color:rgb(231, 129, 58)  
}
```

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(231, 129, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 129, 58) }
```

Border

The CSS property to change the border of an element to YUV 151.4040, -46.0482, 69.8057 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(231, 129, 58) }
```


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

```
.border{ border-color:rgb(231, 129, 58) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 129, 58)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 129, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 129, 58);  
box-shadow:4px 4px 4px 4px rgb(231, 129,  
58) }
```

Background

The CSS property to change the background color of an element to YUV 151.4040, -46.0482, 69.8057 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 129, 58) }
```

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

```
.background{ background-color: rgb(231,  
129, 58) }
```

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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