

Converting Colors

YUV(160.7280, -40.7849,
61.6285)

Have a look what the booklet for
YUV(160.7280, -40.7849, 61.6285)
contains.

YUV(160.7280, -40.7849, 61.6285)	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(160.7280, -40.7849,
61.6285)**

Conversions

Conversions Part 1

Format	Color
Hex	E78D4E
RGB	231, 141, 78
RGB Percent	91%, 55%, 31%
CMY	0.0941, 0.4471, 0.6941
CMYK	0.00, 0.39, 0.66, 0.09
HSL	25°, 76%, 61%
HSV	25°, 66%, 91%
XYZ	43.8550, 36.5887, 11.9586
YIQ	160.7280, 73.8630, -0.5130

Conversions

Conversions Part 2

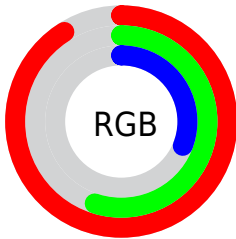
Format	Color
R _Y B	231, 185, 78
Decimal	15174990
CIE Lab	66.97, 28.75, 47.27
CIE LCh	67, 55.323, 58.694
Yxy	36.5887, 0.4746, 0.3960
Android (android.graphics.Color)	4293365070 (0xFFE78D4E)
YUV	160.7280, -40.7849, 61.6285
Hunter-Lab	60.4886, 23.5597, 30.6204

Details

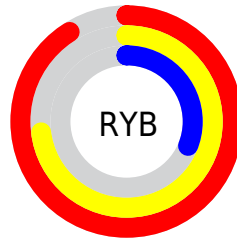
The YUV color **160.7280, -40.7849, 61.6285** is a dark color, and the websafe version is hex **FF9966**. The color can be described as middle muted orange. A complement of this color would be **148.2720, 40.7849, -61.6285**, and the grayscale version is **161.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **205.4160, -37.6731, 43.4852**, and **107.2650, -38.5846, 55.8956** is the 20% darker color. If you saturate the color by 10%, you get **149.8880, -46.7798, 71.1352**, and if you desaturate by 10%, it is **171.5680, -34.7900, 52.1219**.

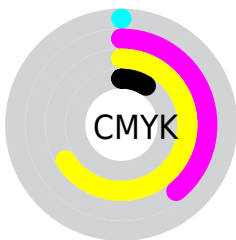
Distribution



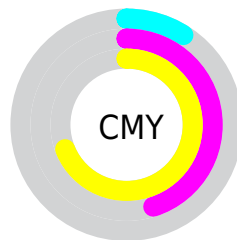
- Red (91%)
- Green (55%)
- Blue (31%)



- Red (91%)
- Yellow (73%)
- Blue (31%)



- Cyan (0%)
- Magenta (39%)
- Yellow (66%)
- Black (9%)



- Cyan (9%)
- Magenta (45%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 160.7280, -40.7849, 61.6285 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 160.7280, -40.7849, 61.6285 by changing the saturation by 10% instead.

160.7280,
-40.7849, 61.6285

160.7280,
-40.7849, 61.6285

255.0000, 0.0000,
0.0000

133.6460,
-39.7585, 59.0695

205.4160,
-37.6731, 43.4852

107.2650,
-38.5846, 55.8956

224.9300,
-33.9825, 26.3714

80.9010, -39.8842,
52.7068

245.0310,
-30.5813, 8.7428

58.1420, -28.6640,
47.2335

249.9840,
-19.2191, 4.3990

36.2690, -17.8806,
41.8601

253.2900, -6.5520,
1.4997

16.7440, -8.2548,
34.4275

8.7850, -3.8380,

17.7286

■ 0.0000, 0.0000,
0.0000

■ 160.7280,
-40.7849, 61.6285

■ 160.7280,
-40.7849, 61.6285

■ 149.8880,
-46.7798, 71.1352

■ 171.5680,
-34.7900, 52.1219

■ 139.6350,
-53.0641, 80.1271

■ 181.8210,
-28.5058, 43.1300

■ 128.7950,
-59.0589, 89.6338

■ 192.6610,
-22.5109, 33.6233

■ 124.8340,
-61.5432, 93.1076

■ 202.9140,
-16.2266, 24.6314

■ 213.8680, -9.7949,
15.0248

■ 224.7080, -3.8000,
5.5181

■ 234.9610, 2.4842,
-3.4738

■ 244.8890, 4.9847,
-12.1807

■ 247.8240, 3.5378,
-14.7546

Harmonies

Analogous

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



161.8870, -21.6363, 79.9061



160.7280, -40.7849, 61.6285



158.2390, -49.4178, 30.4854

Triad

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



160.7280, -40.7849, 61.6285



127.8950, 15.3348, -112.1639



165.3900, 42.2057, -3.8500

Complementary

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



160.7280, -40.7849, 61.6285



148.2720, 40.7849, -61.6285

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.



140.8310, 56.2853, -86.6748



160.7280, -40.7849, 61.6285



133.5950, 37.1747, -117.1628

Square

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



160.7280, -40.7849, 61.6285



142.5710, -16.5505, -58.3828



134.4050, 55.5093, -117.8732



167.7850, 23.2770, 47.5466

Rectangle

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



160.7280, -40.7849, 61.6285



155.1110, -45.4107, 5.1647



134.4050, 55.5093, -117.8732



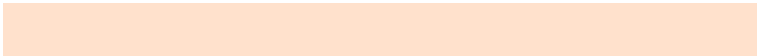
160.9960, 46.3440, -24.5525

Sweetspot

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



160.7280, -40.7849, 61.6285



231.5760, -13.5950, 20.5428



134.2350, 17.6321, 84.8629



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.



160.7280, -40.7849, 61.6285



162.8200, -53.6483, 80.8419



204.7530, -62.4892, 23.0186



109.5230, -3.2158, 4.8033



96.9590, -47.8008, 71.9500



27.5760, -13.5950, 20.5428

Inverse Universe

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



148.2720, 40.7849, -61.6285



146.1800, 53.6483, -80.8419



104.2470, 62.4892, -23.0186



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 160.7280, -40.7849, 61.6285 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 160.7280, -40.7849, 61.6285 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

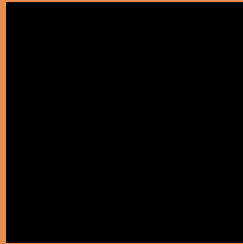
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 160.7280, -40.7849, 61.6285

Background



This preview shows how black text looks on a background with the YUV color 160.7280, -40.7849, 61.6285.



This preview shows how white text looks on a background with the YUV color 160.7280, -40.7849, 61.6285.

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

160.7280, -40.7849, 61.6285

Protanopia

159.7780, -36.8656, 17.7347

Deuteranopia

159.9330, -41.8720, 36.8928



Tritanopia

164.6380, -10.6675, 61.7075

Trichromacy



Original Color

160.7280, -40.7849, 61.6285

Protanomaly

160.4210, -38.6616, 33.8338

Deuteranomaly

160.4010, -41.6097, 46.1293

Tritanomaly

163.3640, -21.8715, 61.9478

Monochromacy



Original Color

160.7280, -40.7849, 61.6285

Achromatopsia

161.0000, 0.0000, 0.0000

Achromatomaly

160.9460, -14.7634, 21.9724

CSS Examples

Text

The CSS property to change the color of the text to YUV 160.7280, -40.7849, 61.6285 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, 141, 78)` looks like.

```
.text, #text, p{  
    color:rgb(231, 141, 78)  
}
```

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, 141, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 141, 78) }
```

Border

The CSS property to change the border of an element to YUV 160.7280, -40.7849, 61.6285 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, 141, 78) }
```


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

```
.border{ border-color:rgb(231, 141, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 141, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 141, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 141, 78);  
box-shadow:4px 4px 4px 4px rgb(231, 141,  
78) }
```

Background

The CSS property to change the background color of an element to YUV 160.7280, -40.7849, 61.6285 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 141, 78) }
```

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

```
.background{ background-color: rgb(231,  
141, 78) }
```

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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