

Converting Colors

YUV(160.4080, -42.1061,
65.4172)

Have a look what the booklet for
YUV(160.4080, -42.1061, 65.4172)
contains.

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Color

**YUV(160.4080, -42.1061,
65.4172)**

Conversions

Conversions Part 1

Format	Color
Hex	EB8B4B
RGB	235, 139, 75
RGB Percent	92%, 55%, 29%
CMY	0.0784, 0.4549, 0.7059
CMYK	0.00, 0.41, 0.68, 0.08
HSL	24°, 80%, 61%
HSV	24°, 68%, 92%
XYZ	44.7636, 36.6354, 11.3687
YIQ	160.4080, 77.7600, 0.4480

Conversions

Conversions Part 2

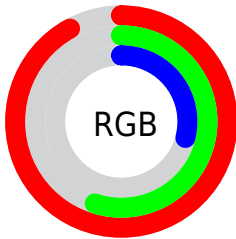
Format	Color
R _Y B	235, 182, 75
Decimal	15436619
CIE Lab	67.00, 31.24, 48.93
CIE LCh	67, 58.055, 57.440
Yxy	36.6354, 0.4825, 0.3949
Android (android.graphics.Color)	4293626699 (0xFFEB8B4B)
YUV	160.4080, -42.1061, 65.4172
Hunter-Lab	60.5272, 26.0891, 31.2328

Details

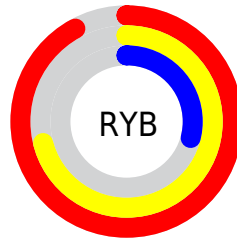
The YUV color **160.4080, -42.1061, 65.4172** is a dark color, and the websafe version is hex **FF9966**. The color can be described as middle muted orange. A complement of this color would be **149.5920, 42.1061, -65.4172**, and the grayscale version is **161.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **203.9000, -38.4047, 44.8147**, and **106.5320, -40.1953, 59.1694** is the 20% darker color. If you saturate the color by 10%, you get **149.5680, -48.1010, 74.9239**, and if you desaturate by 10%, it is **171.2480, -36.1113, 55.9105**.

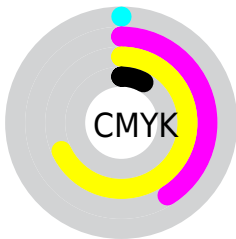
Distribution



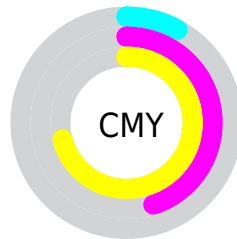
- Red (92%)
- Green (55%)
- Blue (29%)



- Red (92%)
- Yellow (71%)
- Blue (29%)



- Cyan (0%)
- Magenta (41%)
- Yellow (68%)
- Black (8%)



- Cyan (8%)
- Magenta (45%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 160.4080, -42.1061, 65.4172 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 160.4080, -42.1061, 65.4172 by changing the saturation by 10% instead.

160.4080,
-42.1061, 65.4172

160.4080,
-42.1061, 65.4172

255.0000, 0.0000,
0.0000

133.0270,
-40.9323, 62.2433

203.9000,
-38.4047, 44.8147

106.5320,
-40.1953, 59.1694

223.4140,
-34.7141, 27.7009

80.0370, -39.4582,
56.0956

243.5150,
-31.3129, 10.0723

57.2780, -28.2381,
50.6222

249.6420,
-20.5295, 4.6990

34.5190, -17.0179,
45.1488

252.9480, -7.8624,
1.7996

17.3420, -8.5496,
35.6571

9.6820, -4.2802,

19.5729

■ 0.0000, 0.0000,
0.0000

■ 160.4080,
-42.1061, 65.4172

■ 160.4080,
-42.1061, 65.4172

■ 149.5680,
-48.1010, 74.9239

■ 171.2480,
-36.1113, 55.9105

■ 138.6140,
-54.5327, 84.5305

■ 182.2020,
-29.6796, 46.3038

■ 127.6600,
-60.9644, 94.1372

■ 193.1560,
-23.2479, 36.6972

■ 125.4430,
-61.8434, 96.0815

■ 203.9960,
-17.2530, 27.1905

■ 215.5370,
-11.1107, 17.0691

■ 226.3770, -5.1159,
7.5624

■ 237.3310, 1.3158,
-2.0443

■ 247.2590, 3.8163,
-10.7511

■ 249.0200, 2.9481,
-12.2955

Harmonies

Analogous

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



160.7240, -21.0629, 82.6801



160.4080, -42.1061, 65.4172



157.5660, -52.0440, 32.8296

Triad

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



160.4080, -42.1061, 65.4172



128.2540, 14.1718, -112.4788



164.6500, 44.5426, -6.7090

Complementary

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



160.4080, -42.1061, 65.4172



149.5920, 42.1061, -65.4172

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.



128.8600, 62.1870, -113.0102



160.4080, -42.1061, 65.4172



134.2960, 37.3221, -117.7776

Square

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



160.4080, -42.1061, 65.4172



141.9900, -18.7291, -59.6272



135.9210, 56.2409, -119.2027



168.0670, 25.6030, 48.1762

Rectangle

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



160.4080, -42.1061, 65.4172



154.6120, -48.6157, 6.4793



135.9210, 56.2409, -119.2027



159.4900, 47.0864, -29.3707

Sweetspot

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



160.4080, -42.1061, 65.4172



230.9890, -13.3056, 21.0576



133.7840, 18.3475, 88.7664



113.3130, -8.0423, 12.8805



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.



160.4080, -42.1061, 65.4172



157.7990, -55.1169, 85.2453



205.6070, -64.3893, 25.7777



111.6370, -2.7790, 4.7034



96.3830, -47.5168, 74.2091



28.4730, -14.0372, 22.3872

Inverse Universe

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



149.5920, 42.1061, -65.4172



143.2010, 55.1169, -85.2453



102.6320, 65.2574, -24.2333



111.3630, 2.7790, -4.7034



84.6170, 47.5168, -74.2091



24.9400, 14.3266, -21.8724

Previews

White Background



This preview shows how the YUV color 160.4080, -42.1061, 65.4172 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 160.4080, -42.1061, 65.4172 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 160.4080, -42.1061, 65.4172

Background



This preview shows how black text looks on a background with the YUV color 160.4080, -42.1061, 65.4172.



This preview shows how white text looks on a background with the YUV color 160.4080, -42.1061, 65.4172.

65.4172.

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

160.4080, -42.1061, 65.4172

Protanopia

159.8490, -37.8866, 18.5494

Deuteranopia

160.3630, -44.0560, 37.3926



Tritanopia

164.4320, -11.5520, 65.3961

Trichromacy



Original Color

160.4080, -42.1061, 65.4172

Protanomaly

160.2040, -39.5406, 35.7781

Deuteranomaly

160.5430, -43.6517, 47.7588

Tritanomaly

163.1580, -22.7559, 65.6364

Monochromacy



Original Color

160.4080, -42.1061, 65.4172

Achromatopsia

160.0000, 0.0000, 0.0000

Achromatomaly

159.8430, -15.2056, 23.8167

CSS Examples

Text

The CSS property to change the color of the text to YUV 160.4080, -42.1061, 65.4172 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(235, 139, 75)` looks like.

```
.text, #text, p{  
    color:rgb(235, 139, 75)  
}
```

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(235, 139, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 139, 75) }
```

Border

The CSS property to change the border of an element to YUV 160.4080, -42.1061, 65.4172 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(235, 139, 75) }
```


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

```
.border{ border-color:rgb(235, 139, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 139, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 139, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 139, 75);  
box-shadow:4px 4px 4px 4px rgb(235, 139,  
75) }
```

Background

The CSS property to change the background color of an element to YUV 160.4080, -42.1061, 65.4172 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 139, 75) }
```

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

```
.background{ background-color: rgb(235,  
139, 75) }
```

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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