

Converting Colors

YUV(153.8000, -63.4984,
66.8274)

Have a look what the booklet for
YUV(153.8000, -63.4984, 66.8274)
contains.

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Color

**YUV(153.8000, -63.4984,
66.8274)**

Conversions

Conversions Part 1

Format	Color
Hex	E68C19
RGB	230, 140, 25
RGB Percent	90%, 55%, 10%
CMY	0.0980, 0.4510, 0.9020
CMYK	0.00, 0.39, 0.89, 0.10
HSL	34°, 80%, 50%
HSV	34°, 89%, 90%
XYZ	42.1867, 35.6493, 5.5772
YIQ	153.8000, 90.5550, -16.6850

Conversions

Conversions Part 2

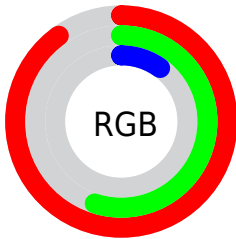
Format	Color
RYB	185, 230, 25
Decimal	15109145
CIELab	66.25, 26.87, 67.54
CIELCh	66, 72.685, 68.304
Yxy	35.6493, 0.5058, 0.4274
Android (android.graphics.Color)	4293299225 (0xFFE68C19)
YUV	153.8000, -63.4984, 66.8274
Hunter-Lab	59.7071, 21.6337, 36.2567

Details

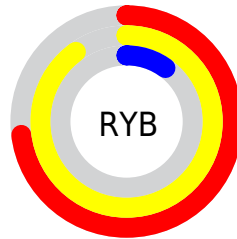
The YUV color **153.8000, -63.4984, 66.8274** is a dark color, and the websafe version is hex **FF9933**. The color can be described as dark washed orange. A complement of this color would be **101.2000, 63.4984, -66.8274**, and the grayscale version is **154.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **199.6990, -57.0396, 48.4990**, and **102.4750, -50.5202, 57.4654** is the 20% darker color. If you saturate the color by 10%, you get **145.3080, -70.6508, 74.2749**, and if you desaturate by 10%, it is **162.2920, -56.3460, 59.3799**.

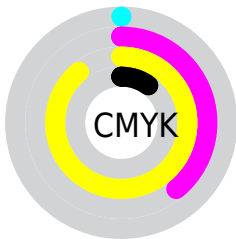
Distribution



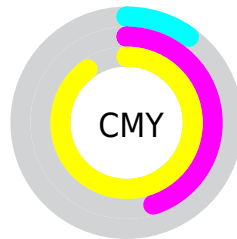
- Red (90%)
- Green (55%)
- Blue (10%)



- Red (73%)
- Yellow (90%)
- Blue (10%)



- Cyan (0%)
- Magenta (39%)
- Yellow (89%)
- Black (10%)



- Cyan (10%)
- Magenta (45%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the YUV color 153.8000, -63.4984, 66.8274 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 153.8000, -63.4984, 66.8274 by changing the saturation by 10% instead.

153.8000,
-63.4984, 66.8274

153.8000,
-63.4984, 66.8274

255.0000, 0.0000,
0.0000

126.4190,
-62.3246, 63.6535

199.6990,
-57.0396, 48.4990

102.4750,
-50.5202, 57.4654

219.2130,
-53.3490, 31.3852

79.4170, -39.1526,
51.3773

239.3140,
-49.9478, 13.7566

56.9460, -28.0744,
44.7744

244.8540,
-38.8750, 8.8980

35.0730, -17.2910,
39.4010

248.0460,
-26.6447, 6.0987

15.8470, -7.8126,
32.5832

251.3520,

6.8770, -3.3904,

-13.9775, 3.1993

14.1399

254.7720, -0.8736,
0.2000

0.0000, 0.0000,
0.0000

153.8000,
-63.4984, 66.8274

153.8000,
-63.4984, 66.8274

145.3080,
-70.6508, 74.2749

162.2920,
-56.3460, 59.3799

144.4930,
-71.2350, 74.9896

170.7840,
-49.1935, 51.9324

179.2760,
-42.0411, 44.4849

187.7680,
-34.8886, 37.0375

196.2600,
-27.7362, 29.5900

■ 205.3390,
-20.8731, 21.6277

■ 213.8310,
-13.7207, 14.1802

■ 222.3230, -6.5682,
6.7327

■ 230.8150, 0.5842,
-0.7148

Harmonies

Analogous

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



150.8640, -33.4570, 91.3273



153.8000, -63.4984, 66.8274



148.8920, -73.4038, 23.7737

Triad

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



153.8000, -63.4984, 66.8274



132.4090, 22.4764, -116.1227



163.9290, 44.8980, 19.3563

Complementary

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



153.8000, -63.4984, 66.8274



101.2000, 63.4984, -66.8274

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



153.8000, -63.4984, 66.8274



138.4170, 50.5734, -121.3917

Square

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



153.8000, -63.4984, 66.8274



122.8960, -6.3577, -107.7798



135.3170, 59.0037, -118.6730



161.3360, 24.4844, 80.3893

Rectangle

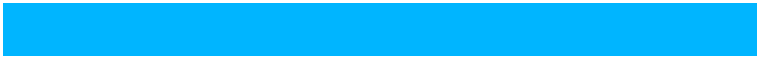
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



153.8000, -63.4984, 66.8274



144.6300, -59.4706, -11.9535



135.3170, 59.0037, -118.6730



159.3340, 47.1633, -7.3089

Sweetspot

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



153.8000, -63.4984, 66.8274



229.5240, -21.4573, 22.3425



96.7830, 9.9670, 116.8313



112.7600, -12.6997, 13.3655



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.



153.8000, -63.4984, 66.8274



160.1860, -78.9717, 83.1519



203.6400, -88.0695, 14.3477



110.6970, -3.7946, 3.7737



112.2210, -55.3250, 58.5652



32.2720, -15.9101, 16.4245

Inverse Universe

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



101.2000, 63.4984, -66.8274



94.8140, 78.9717, -83.1519



51.3600, 88.0695, -14.3477



107.3030, 3.7946, -3.7737



66.1920, 55.6143, -58.0504



18.7280, 15.9101, -16.4245

Previews

White Background



This preview shows how the YUV color 153.8000, -63.4984, 66.8274 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 153.8000, -63.4984, 66.8274 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 153.8000, -63.4984, 66.8274 Background



This preview shows how black text looks on a background with the YUV color 153.8000, -63.4984, 66.8274.



This preview shows how white text looks on a background with the YUV color 153.8000, -63.4984,

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

153.8000, -63.4984, 66.8274

Protanopia

153.0460, -60.1687, 25.3927

Deuteranopia

152.0610, -69.5431, 45.5505



Tritanopia

162.5350, -11.1098, 63.5518

Trichromacy



Original Color

153.8000, -63.4984, 66.8274

Protanomaly

153.2050, -61.2331, 40.1622

Deuteranomaly

152.3870, -67.2388, 53.1576

Tritanomaly

159.4970, -30.3180, 64.4621

Monochromacy



Original Color

153.8000, -63.4984, 66.8274

Achromatopsia

154.0000, 0.0000, 0.0000

Achromatomaly

154.0790, -23.2099, 24.4867

CSS Examples

Text

The CSS property to change the color of the text to YUV 153.8000, -63.4984, 66.8274 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(230, 140, 25)` looks like.

```
.text, #text, p{  
    color:rgb(230, 140, 25)  
}
```

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(230, 140, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 140, 25) }
```

Border

The CSS property to change the border of an element to YUV 153.8000, -63.4984, 66.8274 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(230, 140, 25) }
```


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

```
.border{ border-color:rgb(230, 140, 25) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 140, 25)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 140, 25); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 140, 25);  
box-shadow:4px 4px 4px 4px rgb(230, 140,  
25) }
```

Background

The CSS property to change the background color of an element to YUV 153.8000, -63.4984, 66.8274 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 140, 25) }
```

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

```
.background{ background-color: rgb(230,  
140, 25) }
```

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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