

Converting Colors

YUV(181.3650, -50.4659,
40.0219)

Have a look what the booklet for
YUV(181.3650, -50.4659, 40.0219)
contains.

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Color

**YUV(181.3650, -50.4659,
40.0219)**

Conversions

Conversions Part 1

Format	Color
Hex	E3B24F
RGB	227, 178, 79
RGB Percent	89%, 70%, 31%
CMY	0.1098, 0.3020, 0.6902
CMYK	0.00, 0.22, 0.65, 0.11
HSL	40°, 73%, 60%
HSV	40°, 65%, 89%
XYZ	49.0102, 48.7362, 14.2210
YIQ	181.3650, 60.9830, -20.4010

Conversions

Conversions Part 2

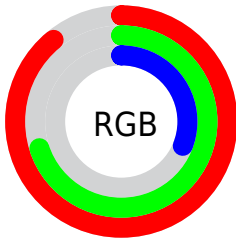
Format	Color
RYB	152, 227, 79
Decimal	14922319
CIELab	75.29, 7.47, 55.92
CIElCh	75, 56.414, 82.393
Yxy	48.7362, 0.4377, 0.4353
Android (android.graphics.Color)	4293112399 (0xFFE3B24F)
YUV	181.3650, -50.4659, 40.0219
Hunter-Lab	69.8113, 3.1441, 36.7901

Details

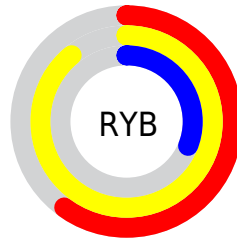
The YUV color **181.3650, -50.4659, 40.0219** is a light color, and the websafe version is hex **CC9933**. The color can be described as light muted orange. A complement of this color would be **124.6350, 50.4659, -40.0219**, and the grayscale version is **182.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **228.0640, -47.3596, 23.6229**, and **126.9300, -50.7445, 36.0184** is the 20% darker color. If you saturate the color by 10%, you get **174.0470, -58.1972, 46.4398**, and if you desaturate by 10%, it is **188.6830, -42.7347, 33.6040**.

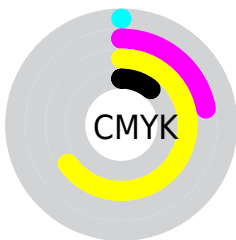
Distribution



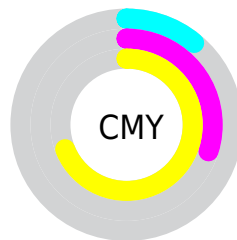
- Red (89%)
- Green (70%)
- Blue (31%)



- Red (60%)
- Yellow (89%)
- Blue (31%)



- Cyan (0%)
- Magenta (22%)
- Yellow (65%)
- Black (11%)



- Cyan (11%)
- Magenta (30%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 181.3650, -50.4659, 40.0219 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 181.3650, -50.4659, 40.0219 by changing the saturation by 10% instead.

■ 181.3650,
-50.4659, 40.0219

■ 181.3650,
-50.4659, 40.0219

■ 255.0000, 0.0000,
0.0000

■ 153.5820,
-49.5869, 38.0776

■ 228.0640,
-47.3596, 23.6229

■ 126.9300,
-50.7445, 36.0184

■ 244.0560,
-41.9326, 9.5979

■ 100.8480,
-49.7181, 33.4593

■ 247.2480,
-29.7023, 6.7985

■ 78.3880, -38.6453,
28.6007

■ 250.4400,
-17.4719, 3.9991

■ 57.4010, -28.2987,
23.3273

■ 253.7460, -4.8048,
1.0998

■ 36.4140, -17.9521,
18.0539

■ 16.9110, -8.3371,

14.1101

■ 0.0000, 0.0000,
0.0000

■ 181.3650,
-50.4659, 40.0219

■ 181.3650,
-50.4659, 40.0219

■ 174.0470,
-58.1972, 46.4398

■ 188.6830,
-42.7347, 33.6040

■ 167.4300,
-65.7810, 52.2429

■ 195.3000,
-35.1509, 27.8009

■ 160.1120,
-73.5122, 58.6608

■ 202.6180,
-27.4197, 21.3830

■ 157.0970,
-77.4488, 61.3049

■ 209.3490,
-19.3991, 15.4799

■ 216.6670,
-11.6678, 9.0620

■ 223.2840, -4.0840,
3.2589

■ 230.6020, 3.6472,
-3.1590

■ 236.6490, 9.0470,
-8.4622

■ 241.3450, 6.7319,
-12.5806

Harmonies

Analogous

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



181.4340, -38.1750, 64.5174



181.3650, -50.4659, 40.0219



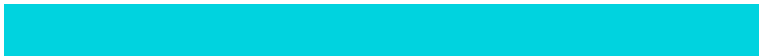
176.4910, -45.1051, 0.4464

Triad

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



181.3650, -50.4659, 40.0219



149.2790, 36.3445, -130.9177



190.8210, 28.6822, 40.4990

Complementary

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



181.3650, -50.4659, 40.0219



124.6350, 50.4659, -40.0219

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.



182.9020, 35.5443, -13.9461



181.3650, -50.4659, 40.0219



149.9920, 51.7689, -131.5430

Square

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



181.3650, -50.4659, 40.0219



143.2370, 13.1942, -125.6188



151.0100, 51.2671, -110.5108



182.5130, 9.1141, 63.5711

Rectangle

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



181.3650, -50.4659, 40.0219



171.8060, -32.9354, -29.6479



151.0100, 51.2671, -110.5108



189.6340, 32.2254, 24.0000

Sweetspot

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



181.3650, -50.4659, 40.0219



239.2070, -17.3571, 13.8505



128.8380, -0.4131, 86.0881



118.0090, -10.3574, 8.7621



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.



181.3650, -50.4659, 40.0219



193.5720, -67.8230, 53.8724



202.6530, -60.9609, -0.5727



111.2840, -4.0840, 3.2589



123.3740, -60.8234, 48.7840



35.2070, -17.3571, 13.8505

Inverse Universe

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



124.6350, 50.4659, -40.0219



117.4280, 67.8230, -53.8724



103.3470, 60.9609, 0.5727



106.7160, 4.0840, -3.2589



55.0390, 61.1128, -48.2692



15.7930, 17.3571, -13.8505

Previews

White Background



This preview shows how the YUV color 181.3650, -50.4659, 40.0219 looks on a white background.

Color Contrast Check

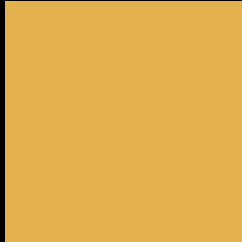
Large Text (above 18pt) WCAG AA × Fail

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 181.3650, -50.4659, 40.0219 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 181.3650, -50.4659, 40.0219

Background



This preview shows how black text looks on a background with the YUV color 181.3650, -50.4659, 40.0219.



This preview shows how white text looks on a background with the YUV color 181.3650, -50.4659, 40.0219.

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

181.3650, -50.4659, 40.0219

Protanopia

180.0100, -48.8119, 22.7932

Deuteranopia

181.6750, -50.6188, 42.3810



Tritanopia

188.8140, -4.3453, 40.5051

Trichromacy



Original Color

181.3650, -50.4659, 40.0219

Protanomaly

180.5270, -49.5598, 29.3558

Deuteranomaly

181.3760, -50.4714, 41.7662

Tritanomaly

186.0470, -21.2222, 40.3008

Monochromacy



Original Color

181.3650, -50.4659, 40.0219

Achromatopsia

181.0000, 0.0000, 0.0000

Achromatomaly

181.2780, -18.3781, 14.6652

CSS Examples

Text

The CSS property to change the color of the text to YUV 181.3650, -50.4659, 40.0219 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(227, 178, 79)` looks like.

```
.text, #text, p{  
    color:rgb(227, 178, 79)  
}
```

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(227, 178, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 178, 79) }
```

Border

The CSS property to change the border of an element to YUV 181.3650, -50.4659, 40.0219 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(227, 178, 79) }
```


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

```
.border{ border-color:rgb(227, 178, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 178, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 178, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 178, 79);  
box-shadow:4px 4px 4px 4px rgb(227, 178,  
79) }
```

Background

The CSS property to change the background color of an element to YUV 181.3650, -50.4659, 40.0219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 178, 79) }
```

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

```
.background{ background-color: rgb(227,  
178, 79) }
```

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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