

Converting Colors

YUV(180.6440, -73.7745,
49.4242)

Have a look what the booklet for
YUV(180.6440, -73.7745, 49.4242)
contains.

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Color

**YUV(180.6440, -73.7745,
49.4242)**

Conversions

Conversions Part 1

Format	Color
Hex	EDB51F
RGB	237, 181, 31
RGB Percent	93%, 71%, 12%
CMY	0.0706, 0.2902, 0.8784
CMYK	0.00, 0.24, 0.87, 0.07
HSL	44°, 85%, 53%
HSV	44°, 87%, 93%
XYZ	51.6962, 51.1512, 8.4448
YIQ	180.6440, 81.5260, -34.7780

Conversions

Conversions Part 2

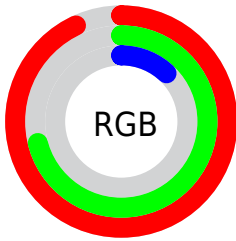
Format	Color
RYB	108, 237, 31
Decimal	15578399
CIELab	76.77, 8.27, 74.66
CIELCh	77, 75.114, 83.680
Yxy	51.1512, 0.4645, 0.4596
Android (android.graphics.Color)	4293768479 (0xFFEDB51F)
YUV	180.6440, -73.7745, 49.4242
Hunter-Lab	71.5201, 3.8635, 43.0633

Details

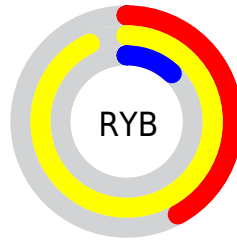
The YUV color **180.6440, -73.7745, 49.4242** is a dark color, and the websafe version is hex **FFCC33**. The color can be described as middle washed orange. A complement of this color would be **87.3560, 73.7745, -49.4242**, and the grayscale version is **181.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **226.0800, -65.1154, 25.3628**, and **128.3470, -63.2751, 41.7917** is the 20% darker color. If you saturate the color by 10%, you get **174.3860, -82.5213, 54.9125**, and if you desaturate by 10%, it is **186.9020, -65.0277, 43.9359**.

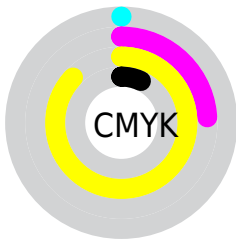
Distribution



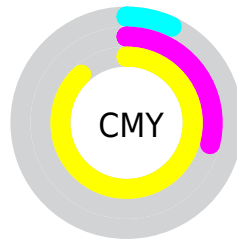
- Red (93%)
- Green (71%)
- Blue (12%)



- Red (42%)
- Yellow (93%)
- Blue (12%)



- Cyan (0%)
- Magenta (24%)
- Yellow (87%)
- Black (7%)



- Cyan (7%)
- Magenta (29%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the YUV color 180.6440, -73.7745, 49.4242 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 180.6440, -73.7745, 49.4242 by changing the saturation by 10% instead.

180.6440,
-73.7745, 49.4242

180.6440,
-73.7745, 49.4242

255.0000, 0.0000,
0.0000

151.9920,
-74.9321, 47.3650

226.0800,
-65.1154, 25.3628

128.3470,
-63.2751, 41.7917

239.8380,
-58.0941, 13.2971

104.7020,
-51.6181, 36.2183

243.0300,
-45.8638, 10.4977

81.9430, -40.3979,
30.7450

246.3360,
-33.1966, 7.5983

60.0700, -29.6145,
25.3716

249.5280,
-20.9663, 4.7989

39.6700, -19.5573,
19.5834

252.9480, -7.8624,

20.4550, -10.0843,

1.7996

14.5100

■ 0.0000, 0.0000,
0.0000

■ 180.6440,
-73.7745, 49.4242

■ 180.6440,
-73.7745, 49.4242

■ 174.3860,
-82.5213, 54.9125

■ 186.9020,
-65.0277, 43.9359

■ 172.4140,
-85.0001, 56.6419

■ 193.6330,
-57.0071, 38.0329

■ 199.8910,
-48.2603, 32.5446

■ 206.7360,
-39.8028, 26.5415

■ 212.8800,
-31.4928, 21.1532

■ 219.7250,
-23.0354, 15.1502

■ 225.9830,
-14.2886, 9.6619

■ 232.8280, -5.8312,
3.6588

■ 238.9720, 2.4788,
-1.7294

Harmonies

Analogous

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



174.8340, -48.2322, 70.3056



180.6440, -73.7745, 49.4242



174.8330, -64.0077, -3.3615

Triad

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



180.6440, -73.7745, 49.4242



158.0160, 41.8971, -138.5800



191.0170, 31.5436, 56.1131

Complementary

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



180.6440, -73.7745, 49.4242



87.3560, 73.7745, -49.4242

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.



181.4070, 36.2813, -17.0199



180.6440, -73.7745, 49.4242



155.8620, 48.8750, -136.6910

Square

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



180.6440, -73.7745, 49.4242



149.3350, 11.1738, -130.9668



147.6440, 52.9265, -129.4838



172.0440, 17.2333, 72.7524

Rectangle

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



180.6440, -73.7745, 49.4242



168.0630, -42.9221, -46.5363



147.6440, 52.9265, -129.4838



190.8960, 31.6033, 36.9252

Sweetspot

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



180.6440, -73.7745, 49.4242



236.9100, -23.6196, 15.8649



99.2060, -5.0316, 120.8453



116.9830, -14.2886, 9.6619



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.



180.6440, -73.7745, 49.4242



185.4270, -91.4155, 61.0155



200.0610, -83.3471, -7.0695



113.9850, -3.9366, 2.6442



131.6030, -64.8803, 43.3212



39.0390, -19.2462, 13.1208

Inverse Universe

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



87.3560, 73.7745, -49.4242



69.5730, 91.4155, -61.0155



67.9390, 83.3471, 7.0695



109.0150, 3.9366, -2.6442



49.3970, 64.8803, -43.3212



14.9610, 19.2462, -13.1208

Previews

White Background



This preview shows how the YUV color 180.6440, -73.7745, 49.4242 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 180.6440, -73.7745, 49.4242 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 180.6440, -73.7745, 49.4242

Background



This preview shows how black text looks on a background with the YUV color 180.6440, -73.7745, 49.4242.



This preview shows how white text looks on a background with the YUV color 180.6440, -73.7745, 49.4242.

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

180.6440, -73.7745, 49.4242

Protanopia

179.3920, -71.6783, 30.3512

Deuteranopia

180.7690, -73.3431, 51.0686



Tritanopia

192.8040, -5.8194, 46.6529

Trichromacy



Original Color

180.6440, -73.7745, 49.4242

Protanomaly

179.9090, -72.4261, 36.9138

Deuteranomaly

180.4700, -73.1957, 50.4538

Tritanomaly

188.5720, -30.8480, 47.7334

Monochromacy



Original Color

180.6440, -73.7745, 49.4242

Achromatopsia

181.0000, 0.0000, 0.0000

Achromatomaly

180.7100, -26.9720, 17.7943

CSS Examples

Text

The CSS property to change the color of the text to YUV 180.6440, -73.7745, 49.4242 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(237, 181, 31)` looks like.

```
.text, #text, p{  
    color:rgb(237, 181, 31)  
}
```

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(237, 181, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 181, 31) }
```

Border

The CSS property to change the border of an element to YUV 180.6440, -73.7745, 49.4242 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(237, 181, 31) }
```


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

```
.border{ border-color:rgb(237, 181, 31) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 181, 31)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 181, 31); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 181, 31);  
box-shadow:4px 4px 4px 4px rgb(237, 181,  
31) }
```

Background

The CSS property to change the background color of an element to YUV 180.6440, -73.7745, 49.4242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 181, 31) }
```

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

```
.background{ background-color: rgb(237,  
181, 31) }
```

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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