

Converting Colors

YUV(181.2740, -55.8441,
38.3477)

Have a look what the booklet for
YUV(181.2740, -55.8441, 38.3477)
contains.

YUV(181.2740, -55.8441, 38.3477)	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(181.2740, -55.8441,
38.3477)**

Conversions

Conversions Part 1

Format	Color
Hex	E1B544
RGB	225, 181, 68
RGB Percent	88%, 71%, 27%
CMY	0.1176, 0.2902, 0.7333
CMYK	0.00, 0.20, 0.70, 0.12
HSL	43°, 72%, 57%
HSV	43°, 70%, 88%
XYZ	48.6186, 49.4727, 12.4555
YIQ	181.2740, 62.4970, -25.8150

Conversions

Conversions Part 2

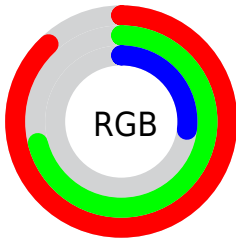
Format	Color
RYB	129, 225, 68
Decimal	14792004
CIELab	75.74, 4.43, 61.09
CIELCh	76, 61.252, 85.857
Yxy	49.4727, 0.4398, 0.4475
Android (android.graphics.Color)	4292982084 (0xFFE1B544)
YUV	181.2740, -55.8441, 38.3477
Hunter-Lab	70.3368, 0.2944, 38.7364

Details

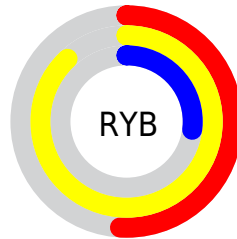
The YUV color **181.2740, -55.8441, 38.3477** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted orange. A complement of this color would be **111.7260, 55.8441, -38.3477**, and the grayscale version is **182.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **229.2720, -52.8851, 22.5635**, and **125.3570, -61.8010, 35.6439** is the 20% darker color. If you saturate the color by 10%, you get **175.1300, -64.1541, 43.7360**, and if you desaturate by 10%, it is **187.3040, -47.9709, 33.0594**.

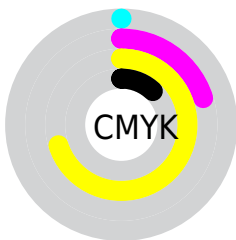
Distribution



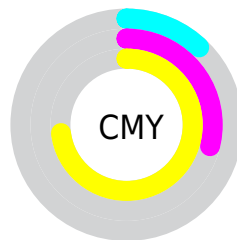
- Red (88%)
- Green (71%)
- Blue (27%)



- Red (51%)
- Yellow (88%)
- Blue (27%)



- Cyan (0%)
- Magenta (20%)
- Yellow (70%)
- Black (12%)



- Cyan (12%)
- Magenta (29%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YUV color 181.2740, -55.8441, 38.3477 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 181.2740, -55.8441, 38.3477 by changing the saturation by 10% instead.

■ 181.2740,
-55.8441, 38.3477

■ 181.2740,
-55.8441, 38.3477

■ 255.0000, 0.0000,
0.0000

■ 153.2630,
-55.8387, 36.6033

■ 229.2720,
-52.8851, 22.5635

■ 125.3570,
-61.8010, 35.6439

■ 242.9160,
-46.3006, 10.5977

■ 102.0110,
-50.2914, 30.6854

■ 246.1080,
-34.0702, 7.7983

■ 79.5510, -39.2186,
25.8268

■ 249.3000,
-21.8399, 4.9989

■ 57.6780, -28.4353,
20.4534

■ 252.6060, -9.1728,
2.0995

■ 37.5770, -18.5255,
15.2800

■ 18.3620, -9.0525,

10.2065

■ 0.0000, 0.0000,
0.0000

■ 181.2740,
-55.8441, 38.3477

■ 181.2740,
-55.8441, 38.3477

■ 175.1300,
-64.1541, 43.7360

■ 187.3040,
-47.9709, 33.0594

■ 168.5130,
-71.7379, 49.5391

■ 194.0350,
-39.9503, 27.1563

■ 162.3690,
-80.0479, 54.9274

■ 200.1790,
-31.6402, 21.7680

■ 206.2090,
-23.7670, 16.4797

■ 212.8260,
-16.1832, 10.6766

■ 218.9700, -7.8732,
5.2883

■ 225.0000, 0.0000,
0.0000

■ 231.1440, 8.3100,
-5.3883

■ 236.0510, 9.3419,
-9.6917

Harmonies

Analogous

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



180.8810, -42.8323, 65.0024



181.2740, -55.8441, 38.3477



176.0620, -47.8516, -5.3164

Triad

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



181.2740, -55.8441, 38.3477



152.2940, 40.2811, -133.5618



192.2890, 28.9445, 49.7355

Complementary

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



181.2740, -55.8441, 38.3477



111.7260, 55.8441, -38.3477

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.



184.4190, 34.7964, -7.3835



181.2740, -55.8441, 38.3477



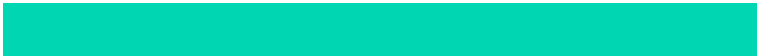
151.1660, 51.1902, -132.5726

Square

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



181.2740, -55.8441, 38.3477



145.7960, 15.3836, -127.8631



143.5350, 54.9522, -125.8802



179.1220, 8.8139, 66.5450

Rectangle

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



181.2740, -55.8441, 38.3477



170.1530, -32.6134, -39.5992



143.5350, 54.9522, -125.8802



190.8740, 31.6141, 33.4365

Sweetspot

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



181.2740, -55.8441, 38.3477



240.0390, -19.2462, 13.1208



119.9590, -3.9238, 92.1210



119.0690, -11.3730, 7.8325



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.



181.2740, -55.8441, 38.3477



195.3840, -76.1113, 52.2832



196.9360, -63.5654, -5.2059



108.9850, -3.9366, 2.6442



127.1730, -62.6963, 42.8213



34.8970, -17.2042, 11.4913

Inverse Universe

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



111.7260, 55.8441, -38.3477



100.6160, 76.1113, -52.2832



96.0640, 63.5654, 5.2059



104.0150, 3.9366, -2.6442



48.8270, 62.6963, -42.8213



13.6900, 16.9148, -12.0061

Previews

White Background



This preview shows how the YUV color 181.2740, -55.8441, 38.3477 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 181.2740, -55.8441, 38.3477 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 181.2740, -55.8441, 38.3477

Background



This preview shows how black text looks on a background with the YUV color 181.2740, -55.8441, 38.3477.



This preview shows how white text looks on a background with the YUV color 181.2740, -55.8441, 38.3477.

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

181.2740, -55.8441, 38.3477

Protanopia

180.2400, -54.3483, 25.2225

Deuteranopia

182.0190, -55.7184, 44.7103



Tritanopia

190.3190, -3.6083, 37.4312

Trichromacy



Original Color

181.2740, -55.8441, 38.3477

Protanomaly

180.7460, -55.0908, 30.0408

Deuteranomaly

181.7090, -55.5655, 42.3512

Tritanomaly

186.9820, -22.6691, 37.7268

Monochromacy



Original Color

181.2740, -55.8441, 38.3477

Achromatopsia

181.0000, 0.0000, 0.0000

Achromatomaly

181.1100, -20.2672, 13.9355

CSS Examples

Text

The CSS property to change the color of the text to YUV 181.2740, -55.8441, 38.3477 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(225, 181, 68)` looks like.

```
.text, #text, p{  
    color:rgb(225, 181, 68)  
}
```

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(225, 181, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 181, 68) }
```

Border

The CSS property to change the border of an element to YUV 181.2740, -55.8441, 38.3477 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(225, 181, 68) }
```


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

```
.border{ border-color:rgb(225, 181, 68) }
```

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

Here you see how a box with a 4 pixel rgb(225, 181, 68) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 181, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 181, 68);  
box-shadow:4px 4px 4px 4px rgb(225, 181,  
68) }
```

Background

The CSS property to change the background color of an element to YUV 181.2740, -55.8441, 38.3477 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 181, 68) }
```

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

```
.background{ background-color: rgb(225,  
181, 68) }
```

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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