

Converting Colors

YUV(199.3740, -60.8234,
48.7840)

Have a look what the booklet for
YUV(199.3740, -60.8234, 48.7840)
contains.

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Color

**YUV(199.3740, -60.8234,
48.7840)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC34C
RGB	255, 195, 76
RGB Percent	100%, 76%, 30%
CMY	0.0000, 0.2353, 0.7020
CMYK	0.00, 0.24, 0.70, 0.00
HSL	40°, 100%, 65%
HSV	40°, 70%, 100%
XYZ	62.0596, 60.8120, 15.3045
YIQ	199.3740, 73.9590, -24.2890

Conversions

Conversions Part 2

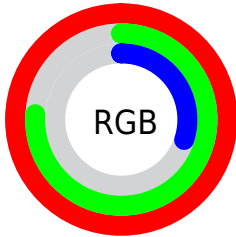
Format	Color
RYB	166, 255, 76
Decimal	16761676
CIELab	82.28, 10.16, 65.46
CIELCh	82, 66.240, 81.177
Yxy	60.8120, 0.4491, 0.4401
Android (android.graphics.Color)	4294951756 (0xFFFFC34C)
YUV	199.3740, -60.8234, 48.7840
Hunter-Lab	77.9821, 5.5851, 42.9514

Details

The YUV color **199.3740, -60.8234, 48.7840** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light washed yellow. A complement of this color would be **131.6260, 60.8234, -48.7840**, and the grayscale version is **200.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **238.5160, -53.0054, 14.4565**, and **142.6140, -64.8857, 45.0655** is the 20% darker color. If you saturate the color by 10%, you get **191.2410, -69.1388, 55.9166**, and if you desaturate by 10%, it is **207.6210, -52.0712, 41.5514**.

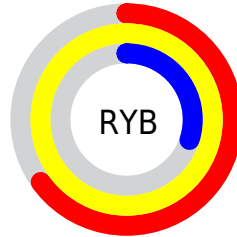
Distribution



Red (100%)

Green (76%)

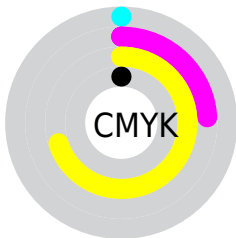
Blue (30%)



Red (65%)

Yellow (100%)

Blue (30%)

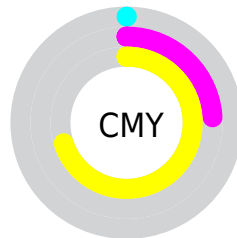


Cyan (0%)

Magenta (24%)

Yellow (70%)

Black (0%)



Cyan (0%)

Magenta (24%)

Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the YUV color 199.3740, -60.8234, 48.7840 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 199.3740, -60.8234, 48.7840 by changing the saturation by 10% instead.

199.3740,
-60.8234, 48.7840

199.3740,
-60.8234, 48.7840

255.0000, 0.0000,
0.0000

171.0640,
-60.6706, 46.4249

238.5160,
-53.0054, 14.4565

142.6140,
-64.8857, 45.0655

243.9420,
-42.3694, 9.6979

117.1280,
-57.7441, 41.1067

247.1340,
-30.1391, 6.8985

94.3690, -46.5239,
35.6334

250.4400,
-17.4719, 3.9991

71.6100, -35.3037,
30.1600

253.7460, -4.8048,
1.0998

50.3240, -24.8097,
24.2719

30.8100, -15.1893,

18.5836

■ 8.3720, -4.1274,
17.2138

■ 0.0000, 0.0000,
0.0000

■ 199.3740,
-60.8234, 48.7840

■ 199.3740,
-60.8234, 48.7840

■ 191.2410,
-69.1388, 55.9166

■ 207.6210,
-52.0712, 41.5514

■ 183.5810,
-78.1804, 62.6345

■ 215.1670,
-43.4663, 34.9335

■ 176.0350,
-86.7853, 69.2523

■ 223.4140,
-34.7141, 27.7009

■ 230.9600,
-26.1093, 21.0831

■ 239.2070,
-17.3571, 13.8505

■ 246.7530, -8.7522,
7.2326

255.0000, 0.0000,
0.0000

Harmonies

Analogous

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



189.0480, -39.4637, 57.8399



199.3740, -60.8234, 48.7840



194.0430, -55.7302, 1.7163

Triad

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



199.3740, -60.8234, 48.7840



166.2170, 40.3190, -145.7723



205.1050, 24.5982, 43.7579

Complementary

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



199.3740, -60.8234, 48.7840



131.6260, 60.8234, -48.7840

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.



196.7460, 28.7192, -18.1942



199.3740, -60.8234, 48.7840



164.0800, 44.8236, -143.8982

Square

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



199.3740, -60.8234, 48.7840



158.3340, 12.6533, -138.8589



156.4490, 48.5856, -137.2058



190.6460, 17.4295, 56.4385

Rectangle

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



199.3740, -60.8234, 48.7840



188.1230, -40.4866, -34.3109



156.4490, 48.5856, -137.2058



205.6040, 24.3522, 29.2883

Sweetspot

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



199.3740, -60.8234, 48.7840



238.2780, -18.3781, 14.6652



136.7030, 1.1324, 103.7465



117.8950, -10.7942, 8.8621



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.



199.3740, -60.8234, 48.7840



188.3400, -72.6386, 58.4608



226.5210, -74.2069, 1.2971



123.5830, -4.2314, 3.8737



131.6580, -64.9074, 52.0429



43.7900, -21.5885, 17.7242

Inverse Universe

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



131.6260, 60.8234, -48.7840



107.6600, 72.6386, -58.4608



104.4790, 74.2069, -1.2971



118.8300, 4.5208, -3.3589



59.3420, 64.9074, -52.0429



19.6230, 21.8779, -17.2094

Previews

White Background



This preview shows how the YUV color 199.3740, -60.8234, 48.7840 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 199.3740, -60.8234, 48.7840 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 199.3740, -60.8234, 48.7840

Background



This preview shows how black text looks on a background with the YUV color 199.3740, -60.8234, 48.7840.



This preview shows how white text looks on a background with the YUV color 199.3740, -60.8234,

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

199.3740, -60.8234, 48.7840

Protanopia

197.8120, -58.5743, 27.3519

Deuteranopia

199.8300, -59.0762, 48.3841



Tritanopia

208.5860, -5.2189, 40.7051

Trichromacy



Original Color

199.3740, -60.8234, 48.7840

Protanomaly

198.0410, -59.1802, 35.0440

Deuteranomaly

199.7160, -59.5130, 48.4841

Tritanomaly

205.3310, -25.3062, 43.5597

Monochromacy



Original Color

199.3740, -60.8234, 48.7840

Achromatopsia

199.0000, 0.0000, 0.0000

Achromatomaly

199.2630, -22.3147, 17.3093

CSS Examples

Text

The CSS property to change the color of the text to YUV 199.3740, -60.8234, 48.7840 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(255, 195, 76)` looks like.

```
.text, #text, p{  
    color:rgb(255, 195, 76)  
}
```

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(255, 195, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 195, 76) }
```

Border

The CSS property to change the border of an element to YUV 199.3740, -60.8234, 48.7840 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(255, 195, 76) }
```


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

```
.border{ border-color:rgb(255, 195, 76) }
```

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

Here you see how a box with a 4 pixel rgb(255, 195, 76) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 195, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 195, 76);  
box-shadow:4px 4px 4px 4px rgb(255, 195,  
76) }
```

Background

The CSS property to change the background color of an element to YUV 199.3740, -60.8234, 48.7840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 195, 76) }
```

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

```
.background{ background-color: rgb(255,  
195, 76) }
```

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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