

Converting Colors

YUV(198.3740, -60.8234,
48.7840)

Have a look what the booklet for
YUV(198.3740, -60.8234, 48.7840)
contains.

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Color

**YUV(198.3740, -60.8234,
48.7840)**

Conversions

Conversions Part 1

Format	Color
Hex	FEC24B
RGB	254, 194, 75
RGB Percent	100%, 76%, 29%
CMY	0.0039, 0.2392, 0.7059
CMYK	0.00, 0.24, 0.70, 0.00
HSL	40°, 99%, 65%
HSV	40°, 70%, 100%
XYZ	61.4348, 60.1624, 15.0311
YIQ	198.3740, 73.9590, -24.2890

Conversions

Conversions Part 2

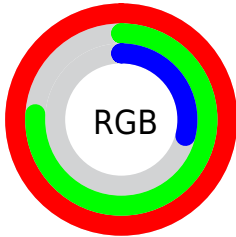
Format	Color
RYB	165, 254, 75
Decimal	16695883
CIELab	81.93, 10.21, 65.47
CIElCh	82, 66.265, 81.133
Yxy	60.1624, 0.4496, 0.4403
Android (android.graphics.Color)	4294885963 (0xFFFE24B)
YUV	198.3740, -60.8234, 48.7840
Hunter-Lab	77.5644, 5.6430, 42.8053

Details

The YUV color **198.3740, -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 **130.6260, 60.8234, -48.7840**, and the grayscale version is **199.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **237.8150, -53.1528, 15.0712**, and **141.5000, -65.3225, 45.1655** is the 20% darker color. If you saturate the color by 10%, you get **190.2410, -69.1388, 55.9166**, and if you desaturate by 10%, it is **206.5070, -52.5080, 41.6514**.

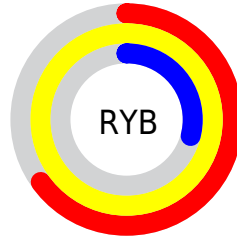
Distribution



Red (100%)

Green (76%)

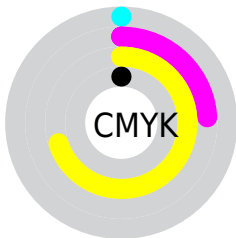
Blue (29%)



Red (65%)

Yellow (100%)

Blue (29%)

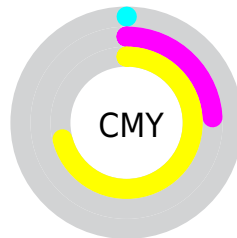


Cyan (0%)

Magenta (24%)

Yellow (70%)

Black (0%)



Cyan (0%)

Magenta (24%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 198.3740, -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 198.3740, -60.8234, 48.7840 by changing the saturation by 10% instead.

198.3740,
-60.8234, 48.7840

198.3740,
-60.8234, 48.7840

255.0000, 0.0000,
0.0000

170.0640,
-60.6706, 46.4249

237.8150,
-53.1528, 15.0712

141.5000,
-65.3225, 45.1655

243.8280,
-42.8062, 9.7978

116.2420,
-57.3073, 41.0068

247.0200,
-30.5759, 6.9985

93.4830, -46.0871,
35.5334

250.3260,
-17.9087, 4.0991

71.3110, -35.1563,
29.5453

253.6320, -5.2416,
1.1997

50.3240, -24.8097,
24.2719

29.9240, -14.7525,

18.4837

■ 8.3720, -4.1274,
17.2138

■ 0.0000, 0.0000,
0.0000

■ 198.3740,
-60.8234, 48.7840

■ 198.3740,
-60.8234, 48.7840

■ 190.2410,
-69.1388, 55.9166

■ 206.5070,
-52.5080, 41.6514

■ 182.5810,
-78.1804, 62.6345

■ 214.1670,
-43.4663, 34.9335

■ 175.1490,
-86.3485, 69.1523

■ 222.3000,
-35.1509, 27.8009

■ 229.9600,
-26.1093, 21.0831

■ 238.0930,
-17.7938, 13.9504

■ 245.6390, -9.1890,
7.3326

■ 253.8860, -0.4368,
0.1000

■ 254.7010, 0.1474,
-0.6148

Harmonies

Analogous

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



188.3470, -39.6111, 58.4547



198.3740, -60.8234, 48.7840



193.0430, -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.



198.3740, -60.8234, 48.7840



165.5160, 40.1716, -145.1575



204.5180, 24.8876, 44.2727

Complementary

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



198.3740, -60.8234, 48.7840



130.6260, 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.



195.8600, 29.1560, -18.2942



198.3740, -60.8234, 48.7840



163.4930, 45.1130, -143.3834

Square

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



198.3740, -60.8234, 48.7840



157.6330, 12.5059, -138.2441



155.8620, 48.8750, -136.6910



189.9450, 17.2821, 57.0532

Rectangle

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



198.3740, -60.8234, 48.7840



187.1230, -40.4866, -34.3109



155.8620, 48.8750, -136.6910



204.7180, 24.7890, 29.1883

Sweetspot

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



198.3740, -60.8234, 48.7840



238.2780, -18.3781, 14.6652



135.7030, 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.



198.3740, -60.8234, 48.7840



187.4110, -73.6596, 59.2756



225.5210, -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.



130.6260, 60.8234, -48.7840



105.5890, 73.6596, -59.2756



103.4790, 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 198.3740, -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 198.3740, -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 198.3740, -60.8234, 48.7840

Background



This preview shows how black text looks on a background with the YUV color 198.3740, -60.8234, 48.7840.



This preview shows how white text looks on a background with the YUV color 198.3740, -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

198.3740, -60.8234, 48.7840

Protanopia

196.8120, -58.5743, 27.3519

Deuteranopia

198.3740, -60.8234, 48.7840



Tritanopia

207.2980, -5.0769, 41.8347

Trichromacy



Original Color

198.3740, -60.8234, 48.7840

Protanomaly

197.0410, -59.1802, 35.0440

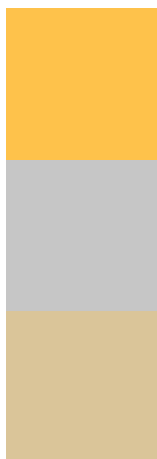
Deuteranomaly

198.3740, -60.8234, 48.7840

Tritanomaly

204.0430, -25.1642, 44.6893

Monochromacy



Original Color

198.3740, -60.8234, 48.7840

Achromatopsia

198.0000, 0.0000, 0.0000

Achromatomaly

198.2630, -22.3147, 17.3093

CSS Examples

Text

The CSS property to change the color of the text to YUV 198.3740, -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(254, 194, 75)` looks like.

```
.text, #text, p{  
    color:rgb(254, 194, 75)  
}
```

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(254, 194, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 194, 75) }
```

Border

The CSS property to change the border of an element to YUV 198.3740, -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(254, 194, 75) }
```


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

```
.border{ border-color:rgb(254, 194, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 194, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 194, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 194, 75);  
box-shadow:4px 4px 4px 4px rgb(254, 194,  
75) }
```

Background

The CSS property to change the background color of an element to YUV 198.3740, -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(254, 194, 75) }
```

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

```
.background{ background-color: rgb(254,  
194, 75) }
```

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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