

Converting Colors

YUV(198.6880, -60.4852,
33.5996)

Have a look what the booklet for
YUV(198.6880, -60.4852, 33.5996)
contains.

YUV(198.6880, -60.4852, 33.5996)	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(198.6880, -60.4852,
33.5996)**

Conversions

Conversions Part 1

Format	Color
Hex	EDCB4C
RGB	237, 203, 76
RGB Percent	93%, 80%, 30%
CMY	0.0706, 0.2039, 0.7020
CMYK	0.00, 0.14, 0.68, 0.07
HSL	47°, 82%, 61%
HSV	47°, 68%, 93%
XYZ	57.5855, 61.2382, 15.6226
YIQ	198.6880, 61.0310, -32.2890

Conversions

Conversions Part 2

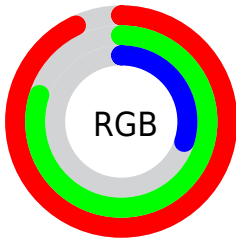
Format	Color
RYB	119, 237, 76
Decimal	15584076
CIELab	82.51, -1.51, 65.14
CIELCh	83, 65.153, 91.330
Yxy	61.2382, 0.4283, 0.4555
Android (android.graphics.Color)	4293774156 (0xFFEDCB4C)
YUV	198.6880, -60.4852, 33.5996
Hunter-Lab	78.2548, -5.5929, 42.9419

Details

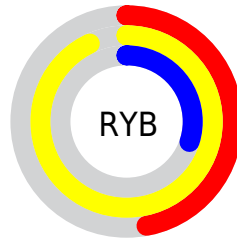
The YUV color **198.6880, -60.4852, 33.5996** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted yellow. A complement of this color would be **114.3120, 60.4852, -33.5996**, and the grayscale version is **199.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **240.8640, -54.1630, 12.3973**, and **141.4120, -65.2791, 31.2107** is the 20% darker color. If you saturate the color by 10%, you get **193.0170, -69.5214, 38.5731**, and if you desaturate by 10%, it is **204.3590, -51.4490, 28.6262**.

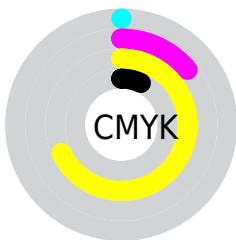
Distribution



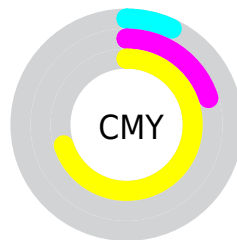
- Red (93%)
- Green (80%)
- Blue (30%)



- Red (47%)
- Yellow (93%)
- Blue (30%)



- Cyan (0%)
- Magenta (14%)
- Yellow (68%)
- Black (7%)



- Cyan (7%)
- Magenta (20%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the YUV color 198.6880, -60.4852, 33.5996 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 198.6880, -60.4852, 33.5996 by changing the saturation by 10% instead.

■ 198.6880,
-60.4852, 33.5996

■ 198.6880,
-60.4852, 33.5996

■ 255.0000, 0.0000,
0.0000

■ 170.5630,
-60.9166, 31.9552

■ 240.8640,
-54.1630, 12.3973

■ 141.4120,
-65.2791, 31.2107

■ 244.0560,
-41.9326, 9.5979

■ 117.0400,
-57.7007, 27.1519

■ 247.2480,
-29.7023, 6.7985

■ 93.9930, -46.3385,
22.8081

■ 250.5540,
-17.0351, 3.8991

■ 71.5330, -35.2658,
17.9496

■ 253.8600, -4.3680,
0.9998

■ 50.5460, -24.9192,
12.6762

■ 30.7440, -15.1568,

8.1175

■ 8.8600, -4.3680,
0.9998

■ 0.0000, 0.0000,
0.0000

■ 198.6880,
-60.4852, 33.5996

■ 198.6880,
-60.4852, 33.5996

■ 193.0170,
-69.5214, 38.5731

■ 204.3590,
-51.4490, 28.6262

■ 187.4600,
-78.1208, 43.4466

■ 209.9160,
-42.8496, 23.7527

■ 181.7890,
-87.1570, 48.4200

■ 215.5870,
-33.8134, 18.7792

■ 180.6320,
-89.0516, 49.4347

■ 221.2580,
-24.7772, 13.8057

■ 226.9290,
-15.7410, 8.8323

■ 232.4860, -7.1416,
3.9588

■ 238.1570, 1.8946,
-1.0147

■ 242.5740, 6.1260,
-4.8884

■ 245.5090, 4.6791,
-7.4624

Harmonies

Analogous

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



193.0770, -46.8730, 54.3065



198.6880, -60.4852, 33.5996



192.2950, -47.9664, -15.1677

Triad

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



198.6880, -60.4852, 33.5996



166.4280, 43.6660, -145.9574



201.5830, 26.3346, 46.8467

Complementary

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



198.6880, -60.4852, 33.5996



114.3120, 60.4852, -33.5996

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.



202.8140, 25.7277, 8.0561



198.6880, -60.4852, 33.5996



162.3190, 45.6917, -142.3538

Square

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



198.6880, -60.4852, 33.5996



162.0160, 21.6841, -142.0880



177.4450, 38.2346, -83.7053



188.2520, 8.2568, 58.5380

Rectangle

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



198.6880, -60.4852, 33.5996



184.9770, -29.0757, -54.3538



177.4450, 38.2346, -83.7053



205.6920, 24.3088, 43.2431

Sweetspot

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



198.6880, -60.4852, 33.5996



242.7290, -19.0934, 10.7617



128.1290, -8.4446, 95.4799



120.3570, -11.5150, 6.7029



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.



198.6880, -60.4852, 33.5996



205.3460, -78.5576, 43.5466



204.8920, -63.5438, -12.1833



114.5720, -4.2260, 2.1294



138.0600, -68.0636, 37.6584



40.8000, -20.1144, 11.5764

Inverse Universe

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



114.3120, 60.4852, -33.5996



95.6540, 78.5576, -43.5466



108.1080, 63.5438, 12.1833



108.4280, 4.2260, -2.1294



42.9400, 68.0636, -37.6584



12.6130, 20.4038, -11.0616

Previews

White Background



This preview shows how the YUV color 198.6880, -60.4852, 33.5996 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 198.6880, -60.4852, 33.5996 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 198.6880, -60.4852, 33.5996

Background



This preview shows how black text looks on a background with the YUV color 198.6880, -60.4852, 33.5996.

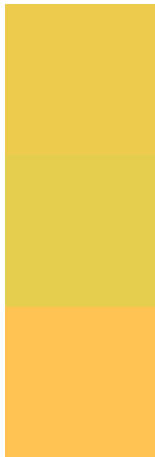


This preview shows how white text looks on a background with the YUV color 198.6880, -60.4852,

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

198.6880, -60.4852, 33.5996

Protanopia

198.1710, -59.7373, 27.0370

Deuteranopia

200.2860, -57.3290, 47.9842



Tritanopia

208.7530, -1.8502, 33.5426

Trichromacy



Original Color

198.6880, -60.4852, 33.5996

Protanomaly

198.4810, -59.8901, 29.3962

Deuteranomaly

199.6120, -58.4757, 42.4363

Tritanomaly

205.1340, -23.2371, 33.2085

Monochromacy



Original Color

198.6880, -60.4852, 33.5996

Achromatopsia

199.0000, 0.0000, 0.0000

Achromatomaly

198.6430, -22.0090, 12.5911

CSS Examples

Text

The CSS property to change the color of the text to YUV 198.6880, -60.4852, 33.5996 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, 203, 76)` looks like.

```
.text, #text, p{  
    color:rgb(237, 203, 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(237, 203, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 203, 76) }
```

Border

The CSS property to change the border of an element to YUV 198.6880, -60.4852, 33.5996 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, 203, 76) }
```


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

```
.border{ border-color:rgb(237, 203, 76) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 203, 76)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(237, 203, 76); -webkit-box-shadow:4px 4px 4px 4px rgb(237, 203, 76); box-shadow:4px 4px 4px 4px rgb(237, 203, 76) }
```

Background

The CSS property to change the background color of an element to YUV 198.6880, -60.4852, 33.5996 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 203, 76) }
```

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

```
.background{ background-color: rgb(237,  
203, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor