

Converting Colors

YUV(198.9520, -67.5173,
49.1541)

Have a look what the booklet for
YUV(198.9520, -67.5173, 49.1541)
contains.

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Color

**YUV(198.9520, -67.5173,
49.1541)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC53E
RGB	255, 197, 62
RGB Percent	100%, 77%, 24%
CMY	0.0000, 0.2275, 0.7569
CMYK	0.00, 0.23, 0.76, 0.00
HSL	42°, 100%, 62%
HSV	42°, 76%, 100%
XYZ	62.0758, 61.5403, 13.1641
YIQ	198.9520, 77.9030, -29.6890

Conversions

Conversions Part 2

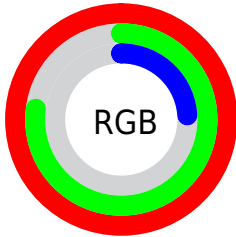
Format	Color
RYB	145, 255, 62
Decimal	16762174
CIELab	82.67, 8.51, 71.22
CIELCh	83, 71.730, 83.183
Yxy	61.5403, 0.4538, 0.4499
Android (android.graphics.Color)	4294952254 (0xFFFFC53E)
YUV	198.9520, -67.5173, 49.1541
Hunter-Lab	78.4476, 3.9640, 44.9640

Details

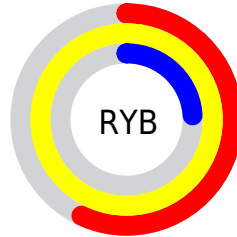
The YUV color **198.9520, -67.5173, 49.1541** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed yellow. A complement of this color would be **118.0480, 67.5173, -49.1541**, and the grayscale version is **200.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **238.2080, -59.2625, 14.7266**, and **142.5340, -70.2693, 45.1357** is the 20% darker color. If you saturate the color by 10%, you get **191.2920, -76.5590, 55.8719**, and if you desaturate by 10%, it is **206.6120, -58.4757, 42.4363**.

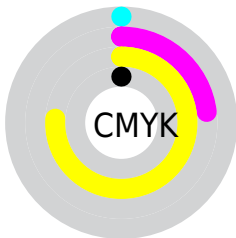
Distribution



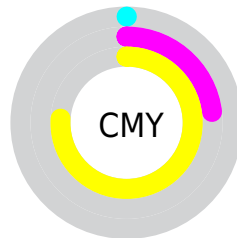
- Red (100%)
- Green (77%)
- Blue (24%)



- Red (57%)
- Yellow (100%)
- Blue (24%)



- Cyan (0%)
- Magenta (23%)
- Yellow (76%)
- Black (0%)



- Cyan (0%)
- Magenta (23%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YUV color 198.9520, -67.5173, 49.1541 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 198.9520, -67.5173, 49.1541 by changing the saturation by 10% instead.

198.9520,
-67.5173, 49.1541

198.9520,
-67.5173, 49.1541

255.0000, 0.0000,
0.0000

170.0720,
-69.5485, 47.2949

238.2080,
-59.2625, 14.7266

142.5340,
-70.2693, 45.1357

242.5740,
-47.6110, 10.8976

118.3020,
-58.3229, 40.0771

245.8800,
-34.9438, 7.9982

95.5430, -47.1027,
34.6038

249.0720,
-22.7135, 5.1989

72.7840, -35.8825,
29.1304

252.3780,
-10.0464, 2.2995

51.4980, -25.3885,
23.2423

31.6850, -15.6207,

16.9393

■ 10.1330, -4.9956,
15.6694

■ 0.0000, 0.0000,
0.0000

■ 198.9520,
-67.5173, 49.1541

■ 198.9520,
-67.5173, 49.1541

■ 191.2920,
-76.5590, 55.8719

■ 206.6120,
-58.4757, 42.4363

■ 184.3330,
-85.4532, 61.9750

■ 213.5710,
-49.5815, 36.3332

■ 180.7310,
-89.1004, 65.1339

■ 221.2310,
-40.5399, 29.6154

■ 228.7770,
-31.9351, 22.9976

■ 235.8500,
-22.6040, 16.7946

■ 243.3960,
-13.9992, 10.1767

■ 251.0560, -4.9576,
3.4589

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.



187.9080, -43.8316, 58.8397



198.9520, -67.5173, 49.1541



193.1690, -60.2293, -1.9022

Triad

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



198.9520, -67.5173, 49.1541



168.7760, 42.5084, -148.0166



202.7570, 25.7558, 45.8171

Complementary

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



198.9520, -67.5173, 49.1541



118.0480, 67.5173, -49.1541

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.



197.0670, 28.5610, -14.0908



198.9520, -67.5173, 49.1541



165.2540, 44.2448, -144.9278

Square

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



198.9520, -67.5173, 49.1541



161.1380, 13.2430, -141.3180



157.0360, 48.2963, -137.7206



186.8960, 18.2923, 59.7272

Rectangle

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



198.9520, -67.5173, 49.1541



186.1390, -41.4805, -42.2179



157.0360, 48.2963, -137.7206



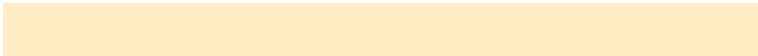
205.9470, 24.1831, 36.8805

Sweetspot

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



198.9520, -67.5173, 49.1541



237.7080, -20.5620, 15.1651



126.6610, -1.8049, 112.5533



117.4390, -12.5414, 9.2620



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.



198.9520, -67.5173, 49.1541



187.4620, -81.0798, 59.2308



222.5330, -79.1428, -2.2214



124.1700, -4.5208, 3.3589



135.7670, -66.9331, 48.4393



45.5510, -22.4566, 16.1798

Inverse Universe

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



118.0480, 67.5173, -49.1541



90.5380, 81.0798, -59.2308



94.4670, 79.1428, 2.2214



118.8300, 4.5208, -3.3589



55.2330, 66.9331, -48.4393



18.4490, 22.4566, -16.1798

Previews

White Background



This preview shows how the YUV color 198.9520, -67.5173, 49.1541 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 198.9520, -67.5173, 49.1541 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 198.9520, -67.5173, 49.1541 Background



This preview shows how black text looks on a background with the YUV color 198.9520, -67.5173, 49.1541.



This preview shows how white text looks on a background with the YUV color 198.9520, -67.5173, 49.1541.

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

198.9520, -67.5173, 49.1541

Protanopia

197.2870, -65.7105, 29.5663

Deuteranopia

200.8730, -57.6184, 47.4694



Tritanopia

209.4010, -4.6347, 39.9903

Trichromacy



Original Color

198.9520, -67.5173, 49.1541

Protanomaly

198.1030, -66.6058, 36.7437

Deuteranomaly

199.9610, -61.1128, 48.2692

Tritanomaly

205.4620, -27.3428, 43.4448

Monochromacy



Original Color

198.9520, -67.5173, 49.1541

Achromatopsia

199.0000, 0.0000, 0.0000

Achromatomaly

198.6930, -24.4986, 17.8092

CSS Examples

Text

The CSS property to change the color of the text to YUV 198.9520, -67.5173, 49.1541 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, 197, 62)` looks like.

```
.text, #text, p{  
    color:rgb(255, 197, 62)  
}
```

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, 197, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 197, 62) }
```

Border

The CSS property to change the border of an element to YUV 198.9520, -67.5173, 49.1541 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, 197, 62) }
```


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

```
.border{ border-color:rgb(255, 197, 62) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 197, 62)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 197, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 197, 62);  
box-shadow:4px 4px 4px 4px rgb(255, 197,  
62) }
```

Background

The CSS property to change the background color of an element to YUV 198.9520, -67.5173, 49.1541 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 197, 62) }
```

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

```
.background{ background-color: rgb(255,  
197, 62) }
```

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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