

Converting Colors

YUV(199.5980, -67.3428,
39.8176)

Have a look what the booklet for
YUV(199.5980, -67.3428, 39.8176)
contains.

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Color

**YUV(199.5980, -67.3428,
39.8176)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | F5CB3F |
| RGB | 245, 203, 63 |
| RGB Percent | 96%, 80%, 25% |
| CMY | 0.0392, 0.2039, 0.7529 |
| CMYK | 0.00, 0.17, 0.74, 0.04 |
| HSL | 46°, 90%, 60% |
| HSV | 46°, 74%, 96% |
| XYZ | 59.9093, 62.4832, 13.6055 |
| YIQ | 199.5980, 69.9720, -34.6360 |

Conversions

Conversions Part 2

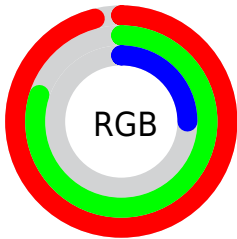
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 118, 245, 63 |
| Decimal | 16108351 |
| CIE Lab | 83.17, 1.25, 70.99 |
| CIE LCh | 83, 71.005, 88.994 |
| Yxy | 62.4832, 0.4405, 0.4594 |
| Android (android.graphics.Color) | 4294298431 (0xFFFF5CB3F) |
| YUV | 199.5980, -67.3428, 39.8176 |
| Hunter-Lab | 79.0463, -3.0457, 45.1274 |

Details

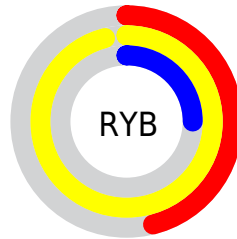
The YUV color **199.5980, -67.3428, 39.8176** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed yellow. A complement of this color would be **108.4020, 67.3428, -39.8176**, and the grayscale version is **200.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **239.6100, -58.9677, 13.4970**, and **142.4790, -70.2421, 36.4139** is the 20% darker color. If you saturate the color by 10%, you get **193.2260, -76.5264, 45.4058**, and if you desaturate by 10%, it is **205.8560, -58.5960, 34.3293**.

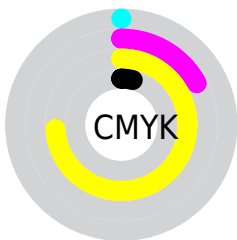
Distribution



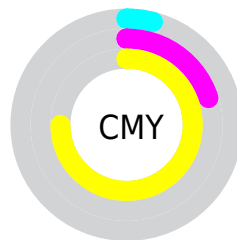
- Red (96%)
- Green (80%)
- Blue (25%)



- Red (46%)
- Yellow (96%)
- Blue (25%)



- Cyan (0%)
- Magenta (17%)
- Yellow (74%)
- Black (4%)



- Cyan (4%)
- Magenta (20%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YUV color 199.5980, -67.3428, 39.8176 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 199.5980, -67.3428, 39.8176 by changing the saturation by 10% instead.

199.5980,
-67.3428, 39.8176

199.5980,
-67.3428, 39.8176

255.0000, 0.0000,
0.0000

171.0170,
-69.5214, 38.5731

239.6100,
-58.9677, 13.4970

142.4790,
-70.2421, 36.4139

242.8020,
-46.7374, 10.6976

119.1330,
-58.7326, 31.4554

245.9940,
-34.5070, 7.8983

95.7870, -47.2230,
26.4968

249.3000,
-21.8399, 4.9989

73.9140, -36.4396,
21.1234

252.6060, -9.1728,
2.0995

52.0410, -25.6562,
15.7500

32.2390, -15.8938,

11.1914

■ 11.5510, -5.6946,
6.5328

■ 0.0000, 0.0000,
0.0000

■ 199.5980,
-67.3428, 39.8176

■ 199.5980,
-67.3428, 39.8176

■ 193.2260,
-76.5264, 45.4058

■ 205.8560,
-58.5960, 34.3293

■ 187.5550,
-85.5626, 50.3793

■ 211.6410,
-49.1230, 29.2558

■ 183.6110,
-90.5202, 53.8382

■ 218.0130,
-39.9394, 23.6676

■ 224.2710,
-31.1926, 18.1793

■ 230.0560,
-21.7196, 13.1059

■ 236.3140,
-12.9728, 7.6176

■ 242.6860, -3.7892,
2.0294

■ 247.9010, 3.4998,
-2.5442

■ 251.4230, 1.7635,
-5.6330

Harmonies

Analogous

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



191.2190, -48.9150, 55.9359



199.5980, -67.3428, 39.8176



193.1830, -54.8132, -12.4385

Triad

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



199.5980, -67.3428, 39.8176



169.3630, 42.2190, -148.5314



200.9960, 26.6240, 47.3615

Complementary

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



199.5980, -67.3428, 39.8176



108.4020, 67.3428, -39.8176

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.



201.8950, 26.1808, 2.7231



199.5980, -67.3428, 39.8176



164.6670, 44.5342, -144.4130

Square

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



199.5980, -67.3428, 39.8176



163.4350, 19.5055, -143.3325



155.2750, 49.1644, -136.1762



186.1150, 12.7613, 60.4121

Rectangle

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



199.5980, -67.3428, 39.8176



185.4840, -34.7486, -54.7985



155.2750, 49.1644, -136.1762



206.2790, 24.0195, 42.7283

Sweetspot

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



199.5980, -67.3428, 39.8176



240.9850, -20.6986, 12.2912



122.2060, -8.4826, 107.6903



119.4280, -12.5360, 7.5176



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.



199.5980, -67.3428, 39.8176



198.5980, -84.1048, 49.4646



209.6010, -72.2743, -11.9281



119.4580, -4.6628, 2.2293



139.5550, -68.8006, 40.7323



44.0560, -21.7196, 13.1059

Inverse Universe

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



108.4020, 67.3428, -39.8176



84.4020, 84.1048, -49.4646



98.3990, 72.2743, 11.9281



113.1290, 4.3734, -2.7441



46.4450, 68.8006, -40.7323



14.9440, 21.7196, -13.1059

Previews

White Background



This preview shows how the YUV color 199.5980, -67.3428, 39.8176 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 199.5980, -67.3428, 39.8176 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 199.5980, -67.3428, 39.8176 Background



This preview shows how black text looks on a background with the YUV color 199.5980, -67.3428, 39.8176.



This preview shows how white text looks on a background with the YUV color 199.5980, -67.3428,

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

199.5980, -67.3428, 39.8176

Protanopia

198.7600, -66.4367, 29.1515

Deuteranopia

203.0730, -54.2660, 45.5400



Tritanopia

211.0310, -3.4663, 38.5608

Trichromacy



Original Color

199.5980, -67.3428, 39.8176

Protanomaly

199.0810, -66.5949, 33.2550

Deuteranomaly

201.7970, -59.0599, 43.1510

Tritanomaly

206.9560, -26.6003, 38.6266

Monochromacy



Original Color

199.5980, -67.3428, 39.8176

Achromatopsia

200.0000, 0.0000, 0.0000

Achromatomaly

199.6710, -24.4878, 14.3205

CSS Examples

Text

The CSS property to change the color of the text to YUV 199.5980, -67.3428, 39.8176 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(245, 203, 63)` looks like.

```
.text, #text, p{  
    color:rgb(245, 203, 63)  
}
```

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(245, 203, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 203, 63) }
```

Border

The CSS property to change the border of an element to YUV 199.5980, -67.3428, 39.8176 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(245, 203, 63) }
```


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

```
.border{ border-color:rgb(245, 203, 63) }
```

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

Here you see how a box with a 4 pixel rgb(245, 203, 63) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 203, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 203, 63);  
box-shadow:4px 4px 4px 4px rgb(245, 203,  
63) }
```

Background

The CSS property to change the background color of an element to YUV 199.5980, -67.3428, 39.8176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 203, 63) }
```

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

```
.background{ background-color: rgb(245,  
203, 63) }
```

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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