

Converting Colors

YUV(194.7800, -73.3485,
52.8129)

Have a look what the booklet for
YUV(194.7800, -73.3485, 52.8129)
contains.

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Color

**YUV(194.7800, -73.3485,
52.8129)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC12E
RGB	255, 193, 46
RGB Percent	100%, 76%, 18%
CMY	0.0000, 0.2431, 0.8196
CMYK	0.00, 0.24, 0.82, 0.00
HSL	42°, 100%, 59%
HSV	42°, 82%, 100%
XYZ	60.8031, 59.5972, 10.8835
YIQ	194.7800, 84.1390, -32.5730

Conversions

Conversions Part 2

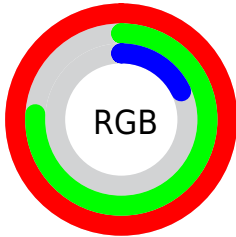
Format	Color
R _Y B	134, 255, 46
Decimal	16761134
CIE Lab	81.62, 10.05, 75.49
CIE LCh	82, 76.156, 82.415
Yxy	59.5972, 0.4631, 0.4540
Android (android.graphics.Color)	4294951214 (0xFFFFC12E)
YUV	194.7800, -73.3485, 52.8129
Hunter-Lab	77.1992, 5.4903, 45.6808

Details

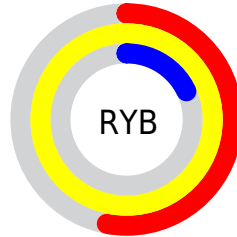
The YUV color **194.7800, -73.3485, 52.8129** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed yellow. A complement of this color would be **106.2200, 73.3485, -52.8129**, and the grayscale version is **195.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **234.3780, -63.7834, 18.0855**, and **139.8870, -68.9643, 46.5801** is the 20% darker color. If you saturate the color by 10%, you get **187.2340, -81.9534, 59.4308**, and if you desaturate by 10%, it is **202.4400, -64.3069, 46.0951**.

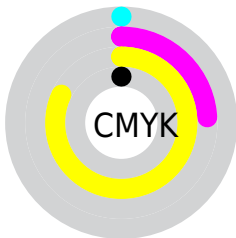
Distribution



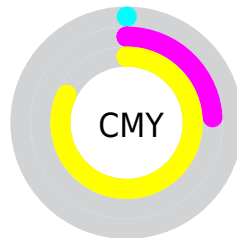
- Red (100%)
- Green (76%)
- Blue (18%)



- Red (53%)
- Yellow (100%)
- Blue (18%)



- Cyan (0%)
- Magenta (24%)
- Yellow (82%)
- Black (0%)



- Cyan (0%)
- Magenta (24%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YUV color 194.7800, -73.3485, 52.8129 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 194.7800, -73.3485, 52.8129 by changing the saturation by 10% instead.

194.7800,
-73.3485, 52.8129

194.7800,
-73.3485, 52.8129

255.0000, 0.0000,
0.0000

164.4180,
-81.0581, 52.2534

234.3780,
-63.7834, 18.0855

139.8870,
-68.9643, 46.5801

241.2060,
-52.8526, 12.0973

116.2420,
-57.3073, 41.0068

244.3980,
-40.6222, 9.2980

92.8960, -45.7977,
36.0482

247.7040,
-27.9551, 6.3986

70.4250, -34.7195,
29.4453

251.0100,
-15.2879, 3.4992

49.4380, -24.3729,
24.1719

254.3160, -2.6208,

29.6250, -14.6051,

0.5999

17.8689

■ 8.0730, -3.9800,
16.5990

■ 0.0000, 0.0000,
0.0000

■ 194.7800,
-73.3485, 52.8129

■ 194.7800,
-73.3485, 52.8129

■ 187.2340,
-81.9534, 59.4308

■ 202.4400,
-64.3069, 46.0951

■ 181.3180,
-89.3898, 64.6191

■ 209.3990,
-55.4127, 39.9921

■ 217.0590,
-46.3711, 33.2743

■ 224.0180,
-37.4769, 27.1712

■ 231.6780,
-28.4353, 20.4534

■ 238.6370,
-19.5410, 14.3504

■ 246.2970,
-10.4994, 7.6325

■ 253.8430, -1.8946,
1.0147

■ 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.



182.7730, -45.7371, 63.3431



194.7800, -73.3485, 52.8129



188.8010, -65.4709, -0.7025

Triad

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



194.7800, -73.3485, 52.8129



168.1890, 42.7978, -147.5018



199.2350, 27.4921, 48.9059

Complementary

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



194.7800, -73.3485, 52.8129



106.2200, 73.3485, -52.8129

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.



192.6040, 30.7612, -19.8237



194.7800, -73.3485, 52.8129



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.



194.7800, -73.3485, 52.8129



159.2800, 11.2010, -139.6886



155.8620, 48.8750, -136.6910



182.2000, 20.6074, 63.8456

Rectangle

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



194.7800, -73.3485, 52.8129



181.8030, -45.2589, -43.6772



155.8620, 48.8750, -136.6910



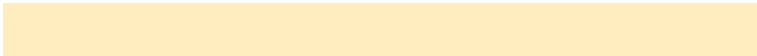
202.7020, 25.7829, 37.0953

Sweetspot

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



194.7800, -73.3485, 52.8129



236.5510, -22.4566, 16.1798



115.6730, -3.2898, 122.1898



116.5100, -13.5624, 10.0767



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.



194.7800, -73.3485, 52.8129



183.0620, -87.7846, 63.0896



218.6160, -85.0997, -4.9252



124.1700, -4.5208, 3.3589



136.3540, -67.2225, 47.9245



45.5510, -22.4566, 16.1798

Inverse Universe

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



106.2200, 73.3485, -52.8129



76.9380, 87.7846, -63.0896



82.3840, 85.0997, 4.9252



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 194.7800, -73.3485, 52.8129 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 194.7800, -73.3485, 52.8129 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 194.7800, -73.3485, 52.8129

Background



This preview shows how black text looks on a background with the YUV color 194.7800, -73.3485, 52.8129.



This preview shows how white text looks on a background with the YUV color 194.7800, -73.3485,

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

194.7800, -73.3485, 52.8129

Protanopia

193.5060, -71.2415, 30.2512

Deuteranopia

195.5780, -70.2910, 52.1131



Tritanopia

206.4830, -5.6611, 42.5494

Trichromacy



Original Color

194.7800, -73.3485, 52.8129

Protanomaly

194.0340, -71.9948, 38.5582

Deuteranomaly

195.2360, -71.6013, 52.4130

Tritanomaly

202.0880, -30.1164, 46.4038

Monochromacy



Original Color

194.7800, -73.3485, 52.8129

Achromatopsia

195.0000, 0.0000, 0.0000

Achromatomaly

194.8350, -26.5407, 19.4387

CSS Examples

Text

The CSS property to change the color of the text to YUV 194.7800, -73.3485, 52.8129 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, 193, 46)` looks like.

```
.text, #text, p{  
    color:rgb(255, 193, 46)  
}
```

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, 193, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 193, 46) }
```

Border

The CSS property to change the border of an element to YUV 194.7800, -73.3485, 52.8129 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, 193, 46) }
```


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

```
.border{ border-color:rgb(255, 193, 46) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 193, 46)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 193, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 193, 46);  
box-shadow:4px 4px 4px 4px rgb(255, 193,  
46) }
```

Background

The CSS property to change the background color of an element to YUV 194.7800, -73.3485, 52.8129 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 193, 46) }
```

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

```
.background{ background-color: rgb(255,  
193, 46) }
```

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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