

Converting Colors

YUV(196.4900, -66.7966,
51.3133)

Have a look what the booklet for
YUV(196.4900, -66.7966, 51.3133)
contains.

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Color

**YUV(196.4900, -66.7966,
51.3133)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC13D
RGB	255, 193, 61
RGB Percent	100%, 76%, 24%
CMY	0.0000, 0.2431, 0.7608
CMYK	0.00, 0.24, 0.76, 0.00
HSL	41°, 100%, 62%
HSV	41°, 76%, 100%
XYZ	61.1523, 59.7369, 12.7222
YIQ	196.4900, 79.3240, -27.9080

Conversions

Conversions Part 2

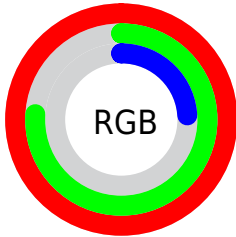
Format	Color
RYB	152, 255, 61
Decimal	16761149
CIELab	81.69, 10.55, 70.66
CIElCh	82, 71.447, 81.511
Yxy	59.7369, 0.4577, 0.4471
Android (android.graphics.Color)	4294951229 (0xFFFFC13D)
YUV	196.4900, -66.7966, 51.3133
Hunter-Lab	77.2896, 5.9740, 44.3434

Details

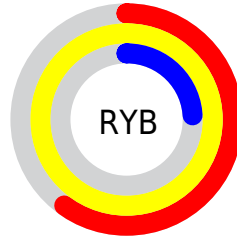
The YUV color **196.4900, -66.7966, 51.3133** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed yellow. A complement of this color would be **119.5100, 66.7966, -51.3133**, and the grayscale version is **197.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **235.7460, -58.5418, 16.8858**, and **140.1860, -69.1117, 47.1949** is the 20% darker color. If you saturate the color by 10%, you get **188.8300, -75.8382, 58.0311**, and if you desaturate by 10%, it is **204.1500, -57.7549, 44.5955**.

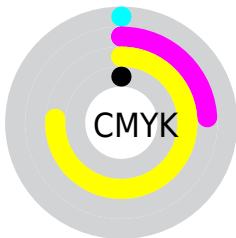
Distribution



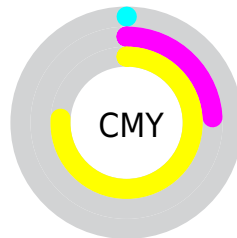
- Red (100%)
- Green (76%)
- Blue (24%)



- Red (60%)
- Yellow (100%)
- Blue (24%)



- Cyan (0%)
- Magenta (24%)
- Yellow (76%)
- Black (0%)



- Cyan (0%)
- Magenta (24%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YUV color 196.4900, -66.7966, 51.3133 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 196.4900, -66.7966, 51.3133 by changing the saturation by 10% instead.

196.4900,
-66.7966, 51.3133

196.4900,
-66.7966, 51.3133

255.0000, 0.0000,
0.0000

167.6100,
-68.8277, 49.4540

235.7460,
-58.5418, 16.8858

140.1860,
-69.1117, 47.1949

242.4600,
-48.0478, 10.9976

115.9540,
-57.1653, 42.1363

245.6520,
-35.8174, 8.1982

92.8960, -45.7977,
36.0482

248.9580,
-23.1503, 5.2988

70.7240, -34.8669,
30.0601

252.2640,
-10.4832, 2.3995

49.4380, -24.3729,
24.1719

29.3370, -14.4631,

18.9985

■ 8.0730, -3.9800,
16.5990

■ 0.0000, 0.0000,
0.0000

■ 196.4900,
-66.7966, 51.3133

■ 196.4900,
-66.7966, 51.3133

■ 188.8300,
-75.8382, 58.0311

■ 204.1500,
-57.7549, 44.5955

■ 181.2840,
-84.4430, 64.6489

■ 211.6960,
-49.1501, 37.9776

■ 178.3830,
-87.9428, 67.1931

■ 219.3560,
-40.1085, 31.2598

■ 227.4890,
-31.7931, 24.1271

■ 235.1490,
-22.7515, 17.4093

■ 242.6950,
-14.1466, 10.7915

■ 250.3550, -5.1050,
4.0737

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.



185.5600, -42.6741, 60.8989



196.4900, -66.7966, 51.3133



190.6640, -60.9664, 1.1717

Triad

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



196.4900, -66.7966, 51.3133



166.4450, 41.1926, -145.9723



202.1700, 26.0452, 46.3319

Complementary

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



196.4900, -66.7966, 51.3133



119.5100, 66.7966, -51.3133

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.



193.4900, 30.3244, -19.7237



196.4900, -66.7966, 51.3133



164.0800, 44.8236, -143.8982

Square

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



196.4900, -66.7966, 51.3133



157.9920, 11.3429, -138.5590



155.8620, 48.8750, -136.6910



186.4230, 19.0185, 60.1420

Rectangle

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



196.4900, -66.7966, 51.3133



184.7050, -43.2386, -38.3293



155.8620, 48.8750, -136.6910



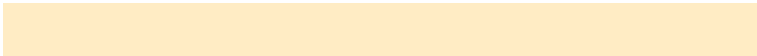
202.9680, 25.6518, 32.4771

Sweetspot

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



196.4900, -66.7966, 51.3133



237.1210, -20.2727, 15.6799



126.4160, -0.2051, 112.7682



116.8520, -12.2520, 9.7768



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.



196.4900, -66.7966, 51.3133



185.1140, -79.9222, 61.2900



223.3160, -80.0218, -0.2771



123.5830, -4.2314, 3.8737



133.4190, -65.7756, 50.4985



44.3770, -21.8779, 17.2094

Inverse Universe

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



119.5100, 66.7966, -51.3133



92.8860, 79.9222, -61.2900



92.6840, 80.0218, 0.2771



118.8300, 4.5208, -3.3589



57.5810, 65.7756, -50.4985



19.0360, 22.1673, -16.6946

Previews

White Background



This preview shows how the YUV color 196.4900, -66.7966, 51.3133 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 196.4900, -66.7966, 51.3133 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 196.4900, -66.7966, 51.3133 Background



This preview shows how black text looks on a background with the YUV color 196.4900, -66.7966, 51.3133.



This preview shows how white text looks on a background with the YUV color 196.4900, -66.7966, 51.3133.

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

196.4900, -66.7966, 51.3133

Protanopia

195.2160, -64.6895, 28.7516

Deuteranopia

196.4900, -66.7966, 51.3133



Tritanopia

206.5970, -5.2243, 42.4494

Trichromacy



Original Color

196.4900, -66.7966, 51.3133

Protanomaly

195.7440, -65.4428, 37.0585

Deuteranomaly

196.4900, -66.7966, 51.3133

Tritanomaly

202.7720, -27.4956, 45.8040

Monochromacy



Original Color

196.4900, -66.7966, 51.3133

Achromatopsia

196.0000, 0.0000, 0.0000

Achromatomaly

196.1060, -24.2093, 18.3240

CSS Examples

Text

The CSS property to change the color of the text to YUV 196.4900, -66.7966, 51.3133 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, 61)` looks like.

```
.text, #text, p{  
    color:rgb(255, 193, 61)  
}
```

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, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 193, 61) }
```

Border

The CSS property to change the border of an element to YUV 196.4900, -66.7966, 51.3133 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, 61) }
```


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

```
.border{ border-color:rgb(255, 193, 61) }
```

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, 61) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 193, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 193, 61);  
box-shadow:4px 4px 4px 4px rgb(255, 193,  
61) }
```

Background

The CSS property to change the background color of an element to YUV 196.4900, -66.7966, 51.3133 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, 61) }
```

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

```
.background{ background-color: rgb(255,  
193, 61) }
```

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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