

Converting Colors

YUV(195.8740, -79.3109,
51.8535)

Have a look what the booklet for
YUV(195.8740, -79.3109, 51.8535)
contains.

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Color

**YUV(195.8740, -79.3109,
51.8535)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC523
RGB	255, 197, 35
RGB Percent	100%, 77%, 14%
CMY	0.0000, 0.2275, 0.8627
CMYK	0.00, 0.23, 0.86, 0.00
HSL	44°, 100%, 57%
HSV	44°, 86%, 100%
XYZ	61.5096, 61.3139, 10.1830
YIQ	195.8740, 86.5700, -38.0860

Conversions

Conversions Part 2

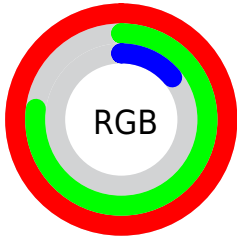
Format	Color
R_{YB}	114, 255, 35
Decimal	16762147
CIE _{Lab}	82.55, 7.71, 79.13
CIE _{LCh}	83, 79.502, 84.432
Yxy	61.3139, 0.4625, 0.4610
Android (android.graphics.Color)	4294952227 (0xFFFFC523)
YUV	195.8740, -79.3109, 51.8535
Hunter-Lab	78.3032, 3.1869, 47.1018

Details

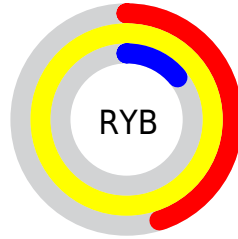
The YUV color **195.8740, -79.3109, 51.8535** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed yellow. A complement of this color would be **94.1260, 79.3109, -51.8535**, and the grayscale version is **197.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **236.0420, -67.5617, 16.6262**, and **142.2350, -70.1219, 44.5209** is the 20% darker color. If you saturate the color by 10%, you get **188.8010, -88.6419, 58.0565**, and if you desaturate by 10%, it is **202.8330, -70.4167, 45.7505**.

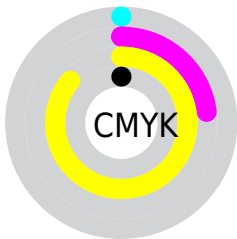
Distribution



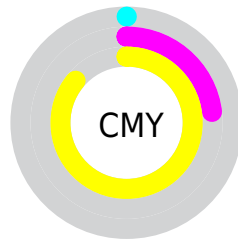
- Red (100%)
- Green (77%)
- Blue (14%)



- Red (45%)
- Yellow (100%)
- Blue (14%)



- Cyan (0%)
- Magenta (23%)
- Yellow (86%)
- Black (0%)



- Cyan (0%)
- Magenta (23%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the YUV color 195.8740, -79.3109, 51.8535 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 195.8740, -79.3109, 51.8535 by changing the saturation by 10% instead.

195.8740,
-79.3109, 51.8535

195.8740,
-79.3109, 51.8535

255.0000, 0.0000,
0.0000

166.7660,
-82.2156, 50.1942

236.0420,
-67.5617, 16.6262

142.2350,
-70.1219, 44.5209

240.4080,
-55.9101, 12.7972

118.0030,
-58.1755, 39.4624

243.7140,
-43.2430, 9.8978

94.9450, -46.8079,
33.3742

247.0200,
-30.5759, 6.9985

72.7730, -35.8771,
27.3861

250.3260,
-17.9087, 4.0991

50.9000, -25.0937,
22.0127

253.7460, -4.8048,

31.3860, -15.4733,

1.0998

16.3245

■ 9.5350, -4.7008,
14.4398

■ 0.0000, 0.0000,
0.0000

■ 195.8740,
-79.3109, 51.8535

■ 195.8740,
-79.3109, 51.8535

■ 188.8010,
-88.6419, 58.0565

■ 202.8330,
-70.4167, 45.7505

■ 186.6010,
-91.9943, 59.9859

■ 209.3190,
-60.7963, 40.0622

■ 216.2780,
-51.9021, 33.9592

■ 223.3510,
-42.5710, 27.7562

■ 230.4240,
-33.2400, 21.5532

■ 236.7960,
-24.0564, 15.9649

■ 243.7550,
-15.1622, 9.8619

■ 250.8280, -5.8312,
3.6588

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.



183.7360, -49.6628, 62.4985



195.8740, -79.3109, 51.8535



189.4970, -67.7860, -4.8209

Triad

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



195.8740, -79.3109, 51.8535



169.9500, 41.9297, -149.0461



198.0610, 28.0709, 49.9355

Complementary

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



195.8740, -79.3109, 51.8535



94.1260, 79.3109, -51.8535

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.



195.5940, 29.2872, -13.6759



195.8740, -79.3109, 51.8535



166.4280, 43.6660, -145.9574

Square

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



195.8740, -79.3109, 51.8535



162.4260, 13.1010, -142.4476



157.0360, 48.2963, -137.7206



180.3250, 21.0388, 65.4900

Rectangle

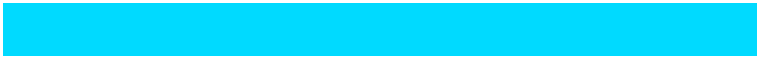
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



195.8740, -79.3109, 51.8535



182.1610, -44.9424, -51.8842



157.0360, 48.2963, -137.7206



204.5180, 24.8876, 44.2727

Sweetspot

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



195.8740, -79.3109, 51.8535



237.4970, -23.9090, 15.3501



107.5060, -6.6585, 129.3522



116.9830, -14.2886, 9.6619



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.



195.8740, -79.3109, 51.8535



186.6010, -91.9943, 59.9859



214.6710, -88.5778, -9.3585



124.1700, -4.5208, 3.3589



139.8760, -68.9589, 44.8357



46.7250, -23.0354, 15.1502

Inverse Universe

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



94.1260, 79.3109, -51.8535



68.3990, 91.9943, -59.9859



75.3290, 88.5778, 9.3585



118.2430, 4.8102, -2.8441



51.1240, 68.9589, -44.8357



17.2750, 23.0354, -15.1502

Previews

White Background



This preview shows how the YUV color 195.8740, -79.3109, 51.8535 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 195.8740, -79.3109, 51.8535 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 195.8740, -79.3109, 51.8535

Background



This preview shows how black text looks on a background with the YUV color 195.8740, -79.3109, 51.8535.



This preview shows how white text looks on a background with the YUV color 195.8740, -79.3109, 51.8535.

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

195.8740, -79.3109, 51.8535

Protanopia

194.6220, -77.2146, 32.7805

Deuteranopia

199.9610, -61.1128, 48.2692



Tritanopia

209.2870, -5.0715, 40.0903

Trichromacy



Original Color

195.8740, -79.3109, 51.8535

Protanomaly

195.1390, -77.9625, 39.3431

Deuteranomaly

198.2510, -67.6647, 49.7689

Tritanomaly

204.2080, -32.1475, 44.5446

Monochromacy



Original Color

195.8740, -79.3109, 51.8535

Achromatopsia

196.0000, 0.0000, 0.0000

Achromatomaly

195.5530, -28.8666, 18.8090

CSS Examples

Text

The CSS property to change the color of the text to YUV 195.8740, -79.3109, 51.8535 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, 35)` looks like.

```
.text, #text, p{  
    color:rgb(255, 197, 35)  
}
```

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, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 197, 35) }
```

Border

The CSS property to change the border of an element to YUV 195.8740, -79.3109, 51.8535 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, 35) }
```


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

```
.border{ border-color:rgb(255, 197, 35) }
```

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, 35) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 197, 35); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 197, 35);  
box-shadow:4px 4px 4px 4px rgb(255, 197,  
35) }
```

Background

The CSS property to change the background color of an element to YUV 195.8740, -79.3109, 51.8535 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, 35) }
```

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

```
.background{ background-color: rgb(255,  
197, 35) }
```

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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