

Converting Colors

YUV(200.3670, -87.4419,
-0.3219)

Have a look what the booklet for
YUV(200.3670, -87.4419, -0.3219)
contains.

YUV(200.3670, -87.4419, -0.3219)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(200.3670, -87.4419,
-0.3219)**

Conversions

Conversions Part 1

Format	Color
Hex	C8EB17
RGB	200, 235, 23
RGB Percent	78%, 92%, 9%
CMY	0.2157, 0.0784, 0.9098
CMYK	0.15, 0.00, 0.90, 0.08
HSL	70°, 84%, 51%
HSV	70°, 90%, 92%
XYZ	53.6824, 71.7579, 11.8319
YIQ	200.3670, 47.1920, -73.3520

Conversions

Conversions Part 2

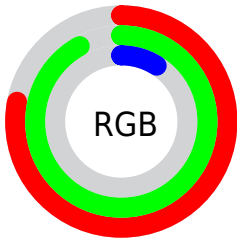
Format	Color
R _Y B	23, 235, 58
Decimal	13167383
CIE Lab	87.85, -34.34, 83.62
CIE LCh	88, 90.391, 112.325
Yxy	71.7579, 0.3911, 0.5227
Android (android.graphics.Color)	4291357463 (0xFFC8EB17)
YUV	200.3670, -87.4419, -0.3219
Hunter-Lab	84.7100, -35.1236, 51.0157

Details

The YUV color **200.3670, -87.4419, -0.3219** is a light color, and the websafe version is hex **CCFF33**. The color can be described as light washed yellow. A complement of this color would be **57.6330, 87.4419, 0.3219**, and the grayscale version is **201.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **236.9880, -69.0141, 15.7965**, and **147.2320, -72.5854, -5.4655** is the 20% darker color. If you saturate the color by 10%, you get **196.5490, -96.8987, -0.4815**, and if you desaturate by 10%, it is **204.2990, -77.5484, -0.2622**.

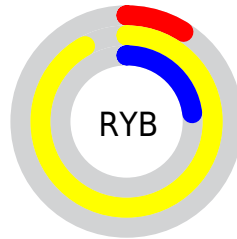
Distribution



Red (78%)

Green (92%)

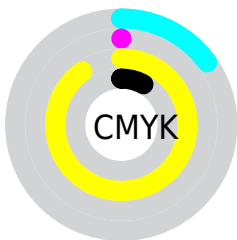
Blue (9%)



Red (9%)

Yellow (92%)

Blue (23%)

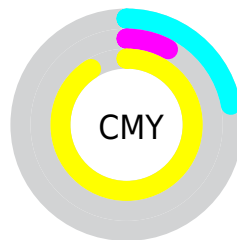


Cyan (15%)

Magenta (0%)

Yellow (90%)

Black (8%)



Cyan (22%)

Magenta (8%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the YUV color 200.3670, -87.4419, -0.3219 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 200.3670, -87.4419, -0.3219 by changing the saturation by 10% instead.

200.3670,
-87.4419, -0.3219

200.3670,
-87.4419, -0.3219

255.0000, 0.0000,
0.0000

172.3390,
-84.9631, -2.0513

236.9880,
-69.0141, 15.7965

147.2320,
-72.5854, -5.4655

240.4080,
-55.9101, 12.7972

122.7120,
-60.4970, -9.3944

243.8280,
-42.8062, 9.7978

99.0780, -48.8455,
-13.2234

247.1340,
-30.1391, 6.8985

75.4330, -37.1885,
-18.7967

250.5540,
-17.0351, 3.8991

51.7770, -25.5261,
-26.1144

253.9740, -3.9312,

31.6980, -15.6271,

0.8998

-27.7991

■ 19.9580, -9.8393,
-17.5032

■ 0.0000, 0.0000,
0.0000

■ 200.3670,
-87.4419, -0.3219

■ 200.3670,
-87.4419, -0.3219

■ 196.5490,
-96.8987, -0.4815

■ 204.2990,
-77.5484, -0.2622

■ 208.1170,
-68.0917, -0.1026

■ 212.0490,
-58.1982, -0.0430

■ 215.8670,
-48.7414, 0.1166

■ 219.5000,
-38.7005, -0.4385

■ 223.3180,
-29.2438, -0.2789

■ 227.1360,
-19.7870, -0.1193

■ 231.0680, -9.8935,
-0.0596

■ 235.0000, 0.0000,
0.0000

Harmonies

Analogous

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



198.9280, -98.0715, 49.1751



200.3670, -87.4419, -0.3219



183.2700, -37.1081, -91.4448

Triad

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



200.3670, -87.4419, -0.3219



178.1680, 37.8782, -156.2533



183.5340, 30.7957, 62.6757

Complementary

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



200.3670, -87.4419, -0.3219



57.6330, 87.4419, 0.3219

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.



203.3440, 25.4664, 45.3023



200.3670, -87.4419, -0.3219



168.1890, 42.7978, -147.5018

Square

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



200.3670, -87.4419, -0.3219



178.7550, 37.5888, -156.7681



202.6050, 25.8307, -25.0866



176.0780, -7.9265, 69.2146

Rectangle

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



200.3670, -87.4419, -0.3219



168.4950, -1.7230, -147.7701



202.6050, 25.8307, -25.0866



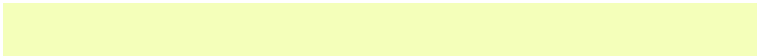
189.2560, 32.4118, 57.6575

Sweetspot

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



200.3670, -87.4419, -0.3219



243.8450, -28.5176, 0.1359



105.1720, -40.5108, 113.8592



121.2330, -16.8769, -0.2043



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.



200.3670, -87.4419, -0.3219



213.3720, -105.1924, -0.3262



169.5700, -72.2590, -63.6439



115.1480, -4.5100, -0.1298



151.3960, -74.6382, -0.3473



45.1530, -22.2604, -0.1342

Inverse Universe

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



57.6330, 87.4419, 0.3219



41.6280, 105.1924, 0.3262



88.4300, 72.2590, 0.63439



107.8520, 4.5100, 0.1298



29.6040, 74.6382, 0.3473



8.8470, 22.2604, 0.1342

Previews

White Background



This preview shows how the YUV color 200.3670, -87.4419, -0.3219 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 200.3670, -87.4419, -0.3219 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 200.3670, -87.4419, -0.3219

Background



This preview shows how black text looks on a background with the YUV color 200.3670, -87.4419, -0.3219.



This preview shows how white text looks on a background with the YUV color 200.3670, -87.4419, -0.3219.

-0.3219.

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

200.3670, -87.4419, -0.3219

Protanopia

205.1160, -93.2342, 37.6093

Deuteranopia

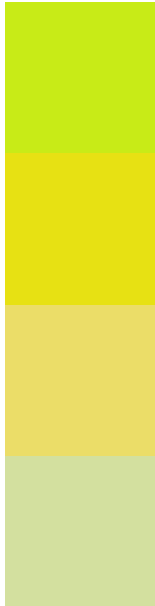
218.3760, -33.7094, 32.1192



Tritanopia

220.0520, 7.8624, -1.7996

Trichromacy



Original Color

200.3670, -87.4419, -0.3219

Protanomaly

203.3100, -90.8648, 24.2841

Deuteranomaly

211.8480, -53.1691, 20.3043

Tritanomaly

212.7030, -26.4756, -1.4935

Monochromacy



Original Color

200.3670, -87.4419, -0.3219

Achromatopsia

200.0000, 0.0000, 0.0000

Achromatomaly

200.3350, -31.7172, -0.2938

CSS Examples

Text

The CSS property to change the color of the text to YUV 200.3670, -87.4419, -0.3219 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(200, 235, 23)` looks like.

```
.text, #text, p{  
    color:rgb(200, 235, 23)  
}
```

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(200, 235, 23) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 235, 23) }
```

Border

The CSS property to change the border of an element to YUV 200.3670, -87.4419, -0.3219 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(200, 235, 23) }
```


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

```
.border{ border-color:rgb(200, 235, 23) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 235, 23)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 235, 23); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 235, 23);  
box-shadow:4px 4px 4px 4px rgb(200, 235,  
23) }
```

Background

The CSS property to change the background color of an element to YUV 200.3670, -87.4419, -0.3219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 235, 23) }
```

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

```
.background{ background-color: rgb(200,  
235, 23) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor