

Converting Colors

YUV(199.5380, -59.9182,
-8.3648)

Have a look what the booklet for
YUV(199.5380, -59.9182, -8.3648)
contains.

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Color

**YUV(199.5380, -59.9182,
-8.3648)**

Conversions

Conversions Part 1

Format	Color
Hex	BEE44E
RGB	190, 228, 78
RGB Percent	75%, 89%, 31%
CMY	0.2549, 0.1059, 0.6941
CMYK	0.17, 0.00, 0.66, 0.11
HSL	75°, 74%, 60%
HSV	75°, 66%, 89%
XYZ	50.3538, 66.9840, 17.4830
YIQ	199.5380, 25.5020, -54.7060

Conversions

Conversions Part 2

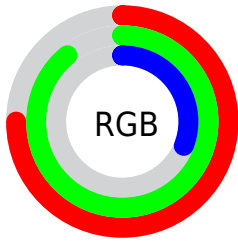
Format	Color
RYB	78, 228, 116
Decimal	12510286
CIELab	85.50, -32.91, 66.29
CIELCh	85, 74.006, 116.400
Yxy	66.9840, 0.3735, 0.4968
Android (android.graphics.Color)	4290700366 (0xFFBEE44E)
YUV	199.5380, -59.9182, -8.3648
Hunter-Lab	81.8438, -33.4058, 44.6254

Details

The YUV color **199.5380, -59.9182, -8.3648** is a light color, and the websafe version is hex **CCFF66**. The color can be described as light muted chartreuse. A complement of this color would be **106.4620, 59.9182, 8.3648**, and the grayscale version is **200.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **239.4120, -51.9681, 8.4087**, and **141.4150, -66.7596, -7.3800** is the 20% darker color. If you saturate the color by 10%, you get **195.1220, -69.0801, -9.7540**, and if you desaturate by 10%, it is **203.9540, -50.7563, -6.9757**.

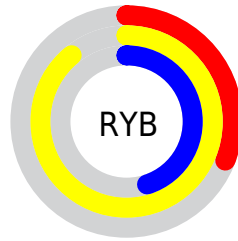
Distribution



Red (75%)

Green (89%)

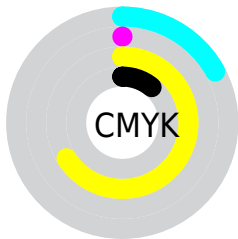
Blue (31%)



Red (31%)

Yellow (89%)

Blue (45%)

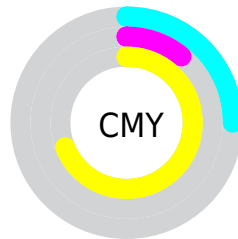


Cyan (17%)

Magenta (0%)

Yellow (66%)

Black (11%)



Cyan (25%)

Magenta (11%)

Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 199.5380, -59.9182, -8.3648 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 199.5380, -59.9182, -8.3648 by changing the saturation by 10% instead.

■ 199.5380,
-59.9182, -8.3648

■ 199.5380,
-59.9182, -8.3648

255.0000, 0.0000,
0.0000

■ 171.0110,
-60.6444, -8.7796

■ 239.4120,
-51.9681, 8.4087

■ 141.4150,
-66.7596, -7.3800

■ 244.3980,
-40.6222, 9.2980

■ 117.0970,
-57.7288, -10.6091

■ 247.7040,
-27.9551, 6.3986

■ 93.4630, -46.0773,
-14.4381

■ 250.8960,
-15.7247, 3.5992

■ 70.7150, -34.8625,
-18.1671

■ 254.3160, -2.6208,
0.5999

■ 47.0590, -23.2001,
-25.4847

■ 28.1760, -13.8908,

-24.7104

■ 16.4360, -8.1029,
-14.4144

■ 0.0000, 0.0000,
0.0000

■ 199.5380,
-59.9182, -8.3648

■ 199.5380,
-59.9182, -8.3648

■ 195.1220,
-69.0801, -9.7540

■ 203.9540,
-50.7563, -6.9757

■ 190.7060,
-78.2421, -11.1432

■ 208.3700,
-41.5944, -5.5865

■ 186.7030,
-87.1146, -12.0175

■ 212.3730,
-32.7219, -4.7121

■ 184.6660,
-91.0403, -12.8621

■ 216.7890,
-23.5600, -3.3230

■ 221.2050,
-14.3981, -1.9338

■ 225.6210, -5.2362,
-0.5446

■ 229.7380, 4.0732,
0.2298

■ 233.4700, 10.6143,
2.2188

■ 235.2640, 9.7298,
5.9075

Harmonies

Analogous

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



204.8220, -70.4112, 44.0061



199.5380, -59.9182, -8.3648



184.9200, -26.0896, -78.8598

Triad

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



199.5380, -59.9182, -8.3648



169.9500, 41.9297, -149.0461



189.9450, 17.2821, 57.0532

Complementary

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



199.5380, -59.9182, -8.3648



106.4620, 59.9182, 8.3648

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.



204.5180, 24.8876, 44.2727



199.5380, -59.9182, -8.3648



160.5580, 46.5599, -140.8094

Square

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



199.5380, -59.9182, -8.3648



174.0590, 39.9039, -152.6497



205.9820, 24.1659, -4.3692



185.6010, -14.5933, 60.8629

Rectangle

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



199.5380, -59.9182, -8.3648



164.6940, 6.5599, -144.4366



205.9820, 24.1659, -4.3692



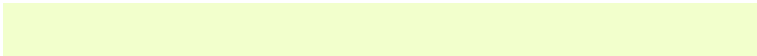
195.0290, 26.6077, 52.5946

Sweetspot

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



199.5380, -59.9182, -8.3648



245.2990, -20.3604, -2.8932



145.1560, -33.1079, 72.6542



122.0740, -12.3615, -1.8189



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.



199.5380, -59.9182, -8.3648



216.8370, -80.2786, -11.2580



177.4120, -49.0101, -53.8583



112.7350, -4.7994, -0.6446



144.8400, -71.4061, -10.3837



41.2990, -20.3604, -2.8932

Inverse Universe

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



106.4620, 59.9182, 8.3648



92.1630, 80.2786, 11.2580



128.8870, 48.8627, 54.4731



105.2650, 4.7994, 0.6446



33.8610, 71.5535, 9.7689



9.7010, 20.3604, 2.8932

Previews

White Background



This preview shows how the YUV color 199.5380, -59.9182, -8.3648 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 199.5380, -59.9182, -8.3648 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

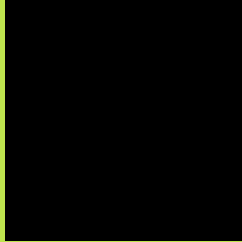
Any Text WCAG AA ✓ Pass

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 199.5380, -59.9182, -8.3648 Background



This preview shows how black text looks on a background with the YUV color 199.5380, -59.9182, -8.3648.



This preview shows how white text looks on a background with the YUV color 199.5380, -59.9182, -8.3648.

-8.3648.

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

199.5380, -59.9182, -8.3648

Protanopia

204.6290, -64.4001, 29.2664

Deuteranopia

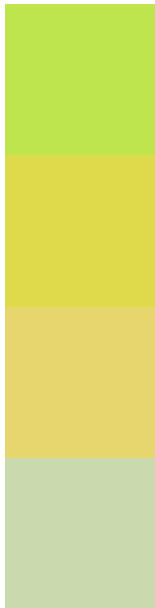
211.0580, -41.4406, 38.5371



Tritanopia

213.1440, 8.3100, -5.3883

Trichromacy



Original Color

199.5380, -59.9182, -8.3648

Protanomaly

202.5950, -62.9043, 16.1412

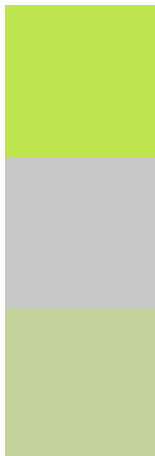
Deuteranomaly

206.5260, -48.0803, 21.4637

Tritanomaly

208.0150, -16.2764, -6.1522

Monochromacy



Original Color

199.5380, -59.9182, -8.3648

Achromatopsia

200.0000, 0.0000, 0.0000

Achromatomaly

199.6580, -21.5234, -3.2081

CSS Examples

Text

The CSS property to change the color of the text to YUV 199.5380, -59.9182, -8.3648 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(190, 228, 78)` looks like.

```
.text, #text, p{  
    color:rgb(190, 228, 78)  
}
```

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(190, 228, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 228, 78) }
```

Border

The CSS property to change the border of an element to YUV 199.5380, -59.9182, -8.3648 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(190, 228, 78) }
```


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

```
.border{ border-color:rgb(190, 228, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 228, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 228, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 228, 78);  
box-shadow:4px 4px 4px 4px rgb(190, 228,  
78) }
```

Background

The CSS property to change the background color of an element to YUV 199.5380, -59.9182, -8.3648 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 228, 78) }
```

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

```
.background{ background-color: rgb(190,  
228, 78) }
```

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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