

Converting Colors

YIQ(197.0200, 38.5240,
-59.4280)

Have a look what the booklet for
YIQ(197.0200, 38.5240, -59.4280)
contains.

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Color

**YIQ(197.0200, 38.5240,
-59.4280)**

Conversions

Conversions Part 1

Format	Color
Hex	C5E135
RGB	197, 225, 53
RGB Percent	77%, 88%, 21%
CMY	0.2276, 0.1176, 0.7918
CMYK	0.12, 0.00, 0.76, 0.12
HSL	70°, 74%, 55%
HSV	70°, 76%, 88%
XYZ	50.5869, 65.9786, 13.4459
YIQ	197.0200, 38.5240, -59.4280

Conversions

Conversions Part 2

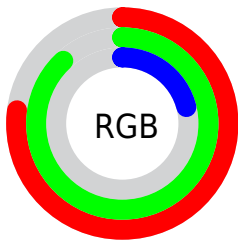
Format	Color
RYB	53, 225, 81
Decimal	12968245
CIELab	84.99, -30.08, 74.52
CIELCh	85, 80.360, 111.983
Yxy	65.9786, 0.3891, 0.5075
Android (android.graphics.Color)	4291158325 (0xFFC5E135)
YUV	197.0200, -71.0019, -0.0175
Hunter-Lab	81.2272, -30.9809, 47.0445

Details

The YIQ color **197.0200, 38.5240, -59.4280** is a light color, and the websafe version is hex **99CC00**. The color can be described as light washed yellow. A complement of this color would be **80.9800, -38.5240, 59.4280**, and the grayscale version is **198.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **238.8120, 45.5820, -44.1620**, and **141.3510, 36.0940, -59.4420** is the 20% darker color. If you saturate the color by 10%, you get **193.3160, 43.2020, -67.1180**, and if you desaturate by 10%, it is **200.8380, 33.5250, -51.4270**.

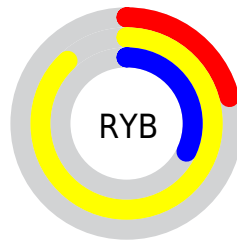
Distribution



Red (77%)

Green (88%)

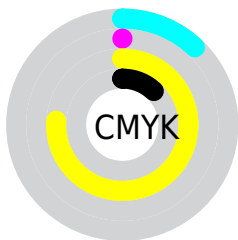
Blue (21%)



Red (21%)

Yellow (88%)

Blue (32%)

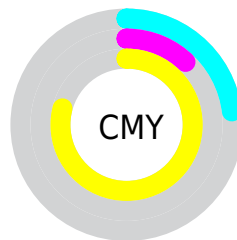


Cyan (12%)

Magenta (0%)

Yellow (76%)

Black (12%)



Cyan (23%)

Magenta (12%)

Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 197.0200, 38.5240, -59.4280 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 YIQ color 197.0200, 38.5240, -59.4280 by changing the saturation by 10% instead.

■ 197.0200, 38.5240,
-59.4280

■ 197.0200, 38.5240,
-59.4280

■ 255.0000, -0.0000,
-0.0000

■ 166.6690, 43.7060,
-65.2380

■ 238.8120, 45.5820,
-44.1620

■ 141.3510, 36.0940,
-59.4420

■ 242.1180, 36.2730,
-35.1430

■ 117.1300, 26.8310,
-51.2570

■ 245.3100, 27.2850,
-26.4350

■ 94.0830, 17.0180,
-44.1180

■ 248.6160, 17.9760,
-17.4160

■ 71.0360, 7.2050,
-36.9790

■ 252.0360, 8.3460,
-8.0860

■ 47.9780, -4.0750,
-30.7870

■ 27.0020, -12.6500,

-24.0580

■ 15.2620, -7.1500,
-13.5980

■ 0.0000, 0.0000,
0.0000

■ 197.0200, 38.5240,
-59.4280

■ 197.0200, 38.5240,
-59.4280

■ 193.3160, 43.2020,
-67.1180

■ 200.8380, 33.5250,
-51.4270

■ 189.7970, 48.7970,
-74.9070

■ 204.2430, 28.2510,
-43.9490

■ 188.2870, 50.1730,
-77.8190

■ 208.0610, 23.2520,
-35.9480

■ 211.7650, 18.5740,
-28.2580

■ 215.2840, 12.9790,
-20.4690

■ 218.9880, 8.3010,
-12.7790

■ 222.8060, 3.3020,
-4.7780

■ 226.2110, -1.9720,
2.7000

■ 229.9150, -6.6500,
10.3900

Harmonies

Analogous

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



199.1340, 82.9020, -37.6900



197.0200, 38.5240, -59.4280



183.0640, -43.8650, -69.6010

Triad

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



197.0200, 38.5240, -59.4280



171.1240, -148.4050, -47.2610



185.9160, 37.4490, 53.7130

Complementary

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



197.0200, 38.5240, -59.4280



80.9800, -38.5240, 59.4280

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, 24.2000, 46.0240



197.0200, 38.5240, -59.4280



162.3190, -144.2800, -39.4160

Square

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



197.0200, 38.5240, -59.4280



174.6460, -150.0550, -50.3990



199.3820, -32.8300, 11.2820



179.0130, 61.0200, 28.5080

Rectangle

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



197.0200, 38.5240, -59.4280



162.2830, -119.3770, -77.7530



199.3820, -32.8300, 11.2820



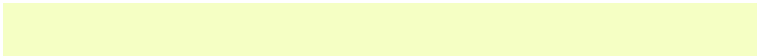
192.1910, 29.4250, 55.9610

Sweetspot

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



197.0200, 38.5240, -59.4280



245.2840, 12.9790, -20.4690



119.6900, 95.3620, 22.8660



122.1020, 7.9800, -12.4680



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.



197.0200, 38.5240, -59.4280



216.8480, 52.7870, -81.1410



171.9040, -11.5400, -77.2360



110.1480, 2.3390, -3.8450



147.2650, 39.2120, -60.8840



40.4350, 11.2360, -16.4120

Inverse Universe

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



80.9800, -38.5240, 59.4280



58.4510, -52.1910, 81.3530



106.0960, 11.5400, 77.2360



102.8520, -2.3390, 3.8450



28.7350, -39.2120, 60.8840



7.8640, -10.6400, 16.6240

Previews

White Background



This preview shows how the YIQ color 197.0200, 38.5240, -59.4280 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 YIQ color 197.0200, 38.5240, -59.4280 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](#).

YIQ 197.0200, 38.5240, -59.4280

Background



This preview shows how black text looks on a background with the YIQ color 197.0200, 38.5240, -59.4280.



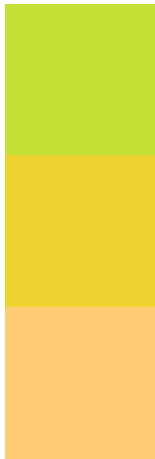
This preview shows how white text looks on a background with the YIQ color 197.0200, 38.5240, -59.4280.

-59.4280.

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

197.0200, 38.5240, -59.4280

Protanopia

201.3060, 67.4980, -44.8700

Deuteranopia

208.7440, 58.5980, -15.7220



Tritanopia

213.0200, -2.7520, 5.8240

Trichromacy



Original Color

197.0200, 38.5240, -59.4280

Protanomaly

199.8700, 56.8620, -50.3540

Deuteranomaly

204.5390, 51.2650, -31.5110

Tritanomaly

206.9790, 12.5200, -17.6560

Monochromacy



Original Color

197.0200, 38.5240, -59.4280

Achromatopsia

197.0000, -0.0000, -0.0000

Achromatomaly

196.9420, 13.9420, -21.4020

CSS Examples

Text

The CSS property to change the color of the text to YIQ 197.0200, 38.5240, -59.4280 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(197, 225, 53)` looks like.

```
.text, #text, p{  
    color:rgb(197, 225, 53)  
}
```

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(197, 225, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 225, 53) }
```

Border

The CSS property to change the border of an element to YIQ 197.0200, 38.5240, -59.4280 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(197, 225, 53) }
```


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

```
.border{ border-color:rgb(197, 225, 53) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 225, 53)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 225, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 225, 53);  
box-shadow:4px 4px 4px 4px rgb(197, 225,  
53) }
```

Background

The CSS property to change the background color of an element to YIQ 197.0200, 38.5240, -59.4280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 225, 53) }
```

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

```
.background{ background-color: rgb(197,  
225, 53) }
```

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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