

Converting Colors

YIQ(235.1900, 52.9650,
-51.3150)

Have a look what the booklet for
YIQ(235.1900, 52.9650, -51.3150)
contains.

YIQ(235.1900, 52.9650, -51.3150)	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

**YIQ(235.1900, 52.9650,
-51.3150)**

Conversions

Conversions Part 1

Format	Color
Hex	FEFE59
RGB	254, 254, 89
RGB Percent	100%, 100%, 35%
CMY	0.0040, 0.0039, 0.6506
CMYK	0.00, 0.00, 0.65, 0.00
HSL	60°, 99%, 67%
HSV	60°, 65%, 100%
XYZ	78.1119, 92.6719, 23.2407
YIQ	235.1900, 52.9650, -51.3150

Conversions

Conversions Part 2

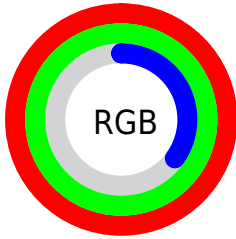
Format	Color
R _Y B	89, 254, 89
Decimal	16711257
CIE Lab	97.09, -19.13, 75.46
CIE LCh	97, 77.853, 104.227
Yxy	92.6719, 0.4026, 0.4776
Android (android.graphics.Color)	4294901337 (0xFFFEFE59)
YUV	235.1900, -72.0717, 16.4964
Hunter-Lab	96.2663, -23.6283, 53.0725

Details

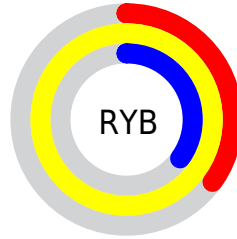
The YIQ color **235.1900, 52.9650, -51.3150** is a light color, and the websafe version is hex **FFFF66**. The color can be described as light muted yellow. A complement of this color would be **107.8100, -52.9650, 51.3150**, and the grayscale version is **236.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **242.5740, 34.9890, -33.8990**, and **176.3980, 55.0750, -56.5170** is the 20% darker color. If you saturate the color by 10%, you get **232.3400, 60.9900, -59.0900**, and if you desaturate by 10%, it is **238.0400, 44.9400, -43.5400**.

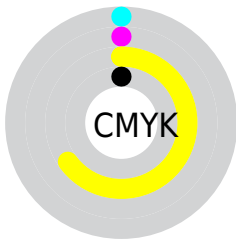
Distribution



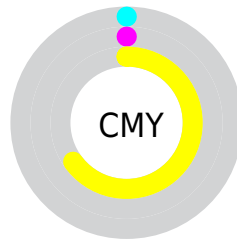
- Red (100%)
- Green (100%)
- Blue (35%)



- Red (35%)
- Yellow (100%)
- Blue (35%)



- Cyan (0%)
- Magenta (0%)
- Yellow (65%)
- Black (0%)



- Cyan (0%)
- Magenta (0%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 235.1900, 52.9650, -51.3150 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 235.1900, 52.9650, -51.3150 by changing the saturation by 10% instead.

235.1900, 52.9650,
-51.3150

235.1900, 52.9650,
-51.3150

255.0000, -0.0000,
-0.0000

205.7770, 52.6900,
-51.8380

242.5740, 34.9890,
-33.8990

176.3980, 55.0750,
-56.5170

245.8800, 25.6800,
-24.8800

149.1250, 51.5900,
-53.9300

249.1860, 16.3710,
-15.8610

125.1920, 41.4560,
-46.4800

252.6060, 6.7410,
-6.5310

102.1450, 31.6430,
-39.3410

79.0980, 21.8300,
-32.2020

56.9370, 12.3380,

-25.3740

■ 36.2490, 2.8920,
-19.3800

■ 17.0230, -7.9750,
-15.1670

■ 235.1900, 52.9650,
-51.3150

■ 235.1900, 52.9650,
-51.3150

■ 232.3400, 60.9900,
-59.0900

■ 238.0400, 44.9400,
-43.5400

■ 229.3760, 69.3360,
-67.1760

■ 241.0040, 36.5940,
-35.4540

■ 226.5260, 77.3610,
-74.9510

■ 243.8540, 28.5690,
-27.6790

■ 225.0440, 81.5340,
-78.9940

■ 246.8180, 20.2230,
-19.5930

■ 249.6680, 12.1980,
-11.8180

■ 252.5180, 4.1730,
-4.0430

■ 254.1140, -0.3210,
0.3110

Harmonies

Analogous

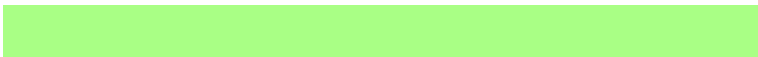
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



221.0250, 58.4640, -35.3280



235.1900, 52.9650, -51.3150



215.3780, -12.0940, -56.1740

Triad

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



235.1900, 52.9650, -51.3150



178.7550, -151.9800, -54.0600



213.9100, 19.2500, 36.6100

Complementary

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



235.1900, 52.9650, -51.3150



107.8100, -52.9650, 51.3150

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.



229.7590, 11.8250, 22.4890



235.1900, 52.9650, -51.3150



178.7550, -151.9800, -54.0600

Square

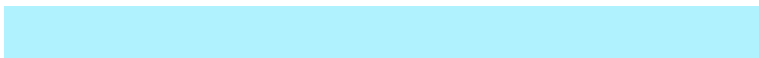
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



235.1900, 52.9650, -51.3150



178.7550, -151.9800, -54.0600



224.3350, -43.7840, -10.4720



206.1870, 34.1070, 26.1630

Rectangle

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



235.1900, 52.9650, -51.3150



194.1960, -78.9870, -60.8350



224.3350, -43.7840, -10.4720



218.0190, 17.3250, 32.9490

Sweetspot

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



235.1900, 52.9650, -51.3150



249.5280, 15.4080, -14.9280



138.3350, 98.3400, 34.9800



124.2810, 9.0340, -9.5420



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.



235.1900, 52.9650, -51.3150



232.3140, 63.8790, -61.8890



210.6720, 4.0930, -68.6990



126.2190, 3.5770, -4.2550



169.2260, 61.3110, -59.4010



56.7040, 20.5440, -19.9040

Inverse Universe

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



107.8100, -52.9650, 51.3150



78.6860, -63.8790, 61.8890



132.6270, -3.4970, 68.9110



116.4820, -4.1730, 4.0430



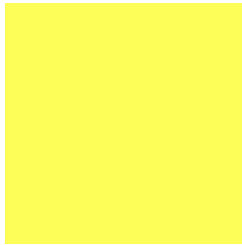
21.7740, -61.3110, 59.4010



7.2960, -20.5440, 19.9040

Previews

White Background



This preview shows how the YIQ color 235.1900, 52.9650, -51.3150 looks on a white background.

Color Contrast Check

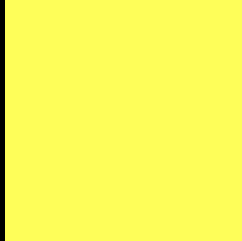
Large Text (above 18pt) WCAG AA × Fail

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 235.1900, 52.9650, -51.3150 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

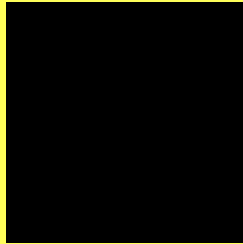
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 235.1900, 52.9650, -51.3150

Background



This preview shows how black text looks on a background with the YIQ color 235.1900, 52.9650, -51.3150.



This preview shows how white text looks on a background with the YIQ color 235.1900, 52.9650, -51.3150.

-51.3150.

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



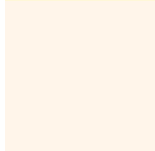
Original Color

235.1900, 52.9650, -51.3150



Protanopia

245.8580, 14.7190, -7.9450



Deuteranopia

246.7360, 9.4910, -1.3010



Tritanopia

247.3860, 4.9050, 4.7210

Trichromacy



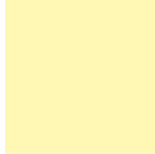
Original Color

235.1900, 52.9650, -51.3150



Protanomaly

242.3750, 28.6600, -23.8200



Deuteranomaly

242.4550, 25.6790, -19.3530



Tritanomaly

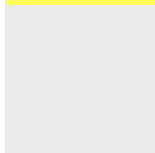
243.0080, 22.7440, -15.7200

Monochromacy



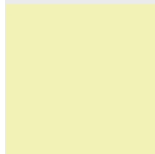
Original Color

235.1900, 52.9650, -51.3150



Achromatopsia

235.0000, 0.0000, -0.0000



Achromatomaly

235.1600, 19.2600, -18.6600

CSS Examples

Text

The CSS property to change the color of the text to YIQ 235.1900, 52.9650, -51.3150 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(254, 254, 89)` looks like.

```
.text, #text, p{  
    color:rgb(254, 254, 89)  
}
```

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(254, 254, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 254, 89) }
```

Border

The CSS property to change the border of an element to YIQ 235.1900, 52.9650, -51.3150 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(254, 254, 89) }
```


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

```
.border{ border-color:rgb(254, 254, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 254, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 254, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 254, 89);  
box-shadow:4px 4px 4px 4px rgb(254, 254,  
89) }
```

Background

The CSS property to change the background color of an element to YIQ 235.1900, 52.9650, -51.3150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 254, 89) }
```

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

```
.background{ background-color: rgb(254,  
254, 89) }
```

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