

Converting Colors

YIQ(235.8630, 49.5720,
-50.3960)

Have a look what the booklet for
YIQ(235.8630, 49.5720, -50.3960)
contains.

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Color

**YIQ(235.8630, 49.5720,
-50.3960)**

Conversions

Conversions Part 1

Format	Color
Hex	FCFF5F
RGB	252, 255, 95
RGB Percent	99%, 100%, 37%
CMY	0.0119, 0.0000, 0.6271
CMYK	0.01, 0.00, 0.63, 0.00
HSL	61°, 100%, 69%
HSV	61°, 63%, 100%
XYZ	77.9643, 93.0381, 24.6950
YIQ	235.8630, 49.5720, -50.3960

Conversions

Conversions Part 2

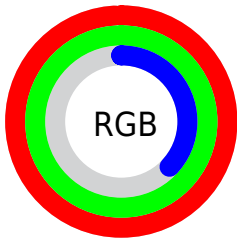
Format	Color
R _Y B	95, 255, 98
Decimal	16580447
CIE Lab	97.24, -20.07, 73.28
CIE LCh	97, 75.977, 105.317
Yxy	93.0381, 0.3984, 0.4754
Android (android.graphics.Color)	4294770527 (0xFFFCFF5F)
YUV	235.8630, -69.4455, 14.1521
Hunter-Lab	96.4562, -24.5192, 52.3398

Details

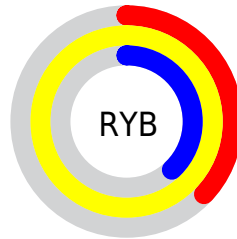
The YIQ color **235.8630, 49.5720, -50.3960** is a light color, and the websafe version is hex **FFFF66**. The color can be described as light muted yellow. A complement of this color would be **114.1370, -49.5720, 50.3960**, and the grayscale version is **237.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **243.2580, 33.0630, -32.0330**, and **177.1680, 50.0310, -53.2090** is the 20% darker color. If you saturate the color by 10%, you get **232.7140, 57.0010, -58.3830**, and if you desaturate by 10%, it is **238.8270, 41.2260, -42.3100**.

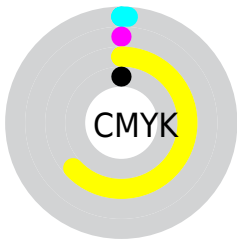
Distribution



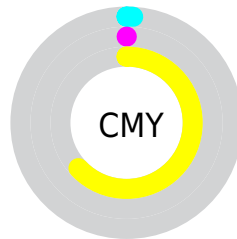
- Red (99%)
- Green (100%)
- Blue (37%)



- Red (37%)
- Yellow (100%)
- Blue (38%)



- Cyan (1%)
- Magenta (0%)
- Yellow (63%)
- Black (0%)





- Cyan (1%)
- Magenta (0%)
- Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 235.8630, 49.5720, -50.3960 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 235.8630, 49.5720, -50.3960 by changing the saturation by 10% instead.


 235.8630, 49.5720,
-50.3960


 235.8630, 49.5720,
-50.3960


255.0000, -0.0000,
-0.0000


 206.5640, 48.9760,
-50.6080


 243.2580, 33.0630,
-32.0330


 177.1680, 50.0310,
-53.2090


 246.5640, 23.7540,
-23.0140


 149.1140, 50.1230,
-54.8770

 249.8700, 14.4450,
-13.9950

 125.1810, 39.9890,
-47.4270

 253.1760, 5.1360,
-4.9760

 101.5470, 30.4510,
-39.7650

 79.3860, 20.9590,
-32.9370

 57.2250, 11.4670,

-26.1090

■ 36.2380, 1.4250,
-20.3270

■ 17.0230, -7.9750,
-15.1670

■ 235.8630, 49.5720,
-50.3960

■ 235.8630, 49.5720,
-50.3960

■ 232.7140, 57.0010,
-58.3830

■ 238.8270, 41.2260,
-42.3100

■ 229.7500, 65.3470,
-66.4690

■ 241.9760, 33.7970,
-34.3230

■ 226.9000, 73.3720,
-74.2440

■ 244.9400, 25.4510,
-26.2370

■ 224.4350, 78.8750,
-80.3650

■ 248.0890, 18.0220,
-18.2500

■ 251.0530, 9.6760,
-10.1640

■ 254.2020, 2.2470,
-2.1770

■ 255.0000, -0.0000,
-0.0000

Harmonies

Analogous

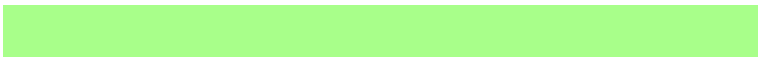
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



222.5410, 56.9510, -35.4410



235.8630, 49.5720, -50.3960



215.6490, -14.2950, -54.8310

Triad

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



235.8630, 49.5720, -50.3960



178.7550, -151.9800, -54.0600



215.0840, 18.7000, 35.5640

Complementary

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



235.8630, 49.5720, -50.3960



114.1370, -49.5720, 50.3960

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



235.8630, 49.5720, -50.3960



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.



235.8630, 49.5720, -50.3960



178.7550, -151.9800, -54.0600



226.7380, -37.5490, -7.8290



207.8340, 33.6030, 24.2830

Rectangle

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



235.8630, 49.5720, -50.3960



195.2500, -79.0790, -59.1670



226.7380, -37.5490, -7.8290



219.1930, 16.7750, 31.9030

Sweetspot

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



235.8630, 49.5720, -50.3960



249.2290, 14.8120, -15.1400



144.6010, 94.5350, 32.3510



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.



235.8630, 49.5720, -50.3960



232.0300, 58.9270, -60.2490



211.9430, 1.8920, -67.3560



126.2190, 3.5770, -4.2550



168.3290, 59.5230, -60.0370



56.4050, 19.9480, -20.1160

Inverse Universe

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



114.1370, -49.5720, 50.3960



86.6710, -59.5230, 60.0370



138.0570, -1.8920, 67.3560



116.4820, -4.1730, 4.0430



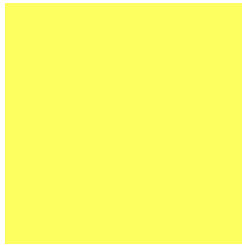
22.9700, -58.9270, 60.2490



7.5950, -19.9480, 20.1160

Previews

White Background



This preview shows how the YIQ color 235.8630, 49.5720, -50.3960 looks on a white background.

Color Contrast Check

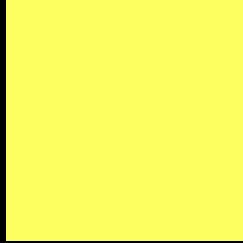
Large Text (above 18pt) WCAG AA × Fail

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 235.8630, 49.5720, -50.3960 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

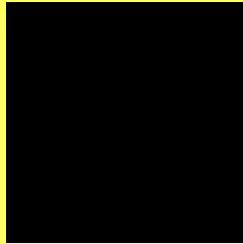
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 235.8630, 49.5720, -50.3960

Background



This preview shows how black text looks on a background with the YIQ color 235.8630, 49.5720, -50.3960.



This preview shows how white text looks on a background with the YIQ color 235.8630, 49.5720, -50.3960.

-50.3960.

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



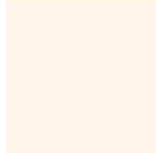
Original Color

235.8630, 49.5720, -50.3960



Protanopia

246.0860, 14.0770, -7.3230



Deuteranopia

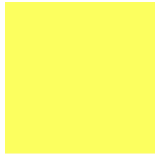
246.8500, 9.1700, -0.9900



Tritanopia

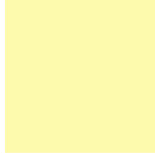
248.0870, 4.3090, 4.5090

Trichromacy



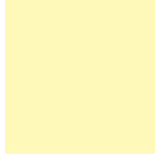
Original Color

235.8630, 49.5720, -50.3960



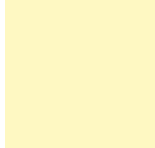
Protanomaly

242.4180, 27.1010, -23.0990



Deuteranomaly

243.0850, 23.8450, -19.1550



Tritanomaly

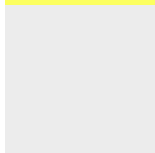
243.6380, 20.9100, -15.5220

Monochromacy



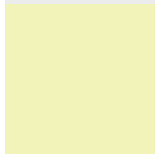
Original Color

235.8630, 49.5720, -50.3960



Achromatopsia

236.0000, 0.0000, -0.0000



Achromatomaly

236.0890, 18.0220, -18.2500

CSS Examples

Text

The CSS property to change the color of the text to YIQ 235.8630, 49.5720, -50.3960 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(252, 255, 95)` looks like.

```
.text, #text, p{  
    color:rgb(252, 255, 95)  
}
```

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(252, 255, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 255, 95) }
```

Border

The CSS property to change the border of an element to YIQ 235.8630, 49.5720, -50.3960 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(252, 255, 95) }
```


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

```
.border{ border-color:rgb(252, 255, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 255, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 255, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 255, 95);  
box-shadow:4px 4px 4px 4px rgb(252, 255,  
95) }
```

Background

The CSS property to change the background color of an element to YIQ 235.8630, 49.5720, -50.3960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 255, 95) }
```

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

```
.background{ background-color: rgb(252,  
255, 95) }
```

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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