

Converting Colors

YIQ(223.9000, 38.9820,
-56.7140)

Have a look what the booklet for
YIQ(223.9000, 38.9820, -56.7140)
contains.

YIQ(223.9000, 38.9820, -56.7140)	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(223.9000, 38.9820,
-56.7140)**

Conversions

Conversions Part 1

Format	Color
Hex	E2FA54
RGB	226, 250, 84
RGB Percent	89%, 98%, 33%
CMY	0.1139, 0.0195, 0.6703
CMYK	0.10, 0.00, 0.66, 0.02
HSL	69°, 94%, 66%
HSV	69°, 66%, 98%
XYZ	67.1429, 85.1806, 21.3050
YIQ	223.9000, 38.9820, -56.7140

Conversions

Conversions Part 2

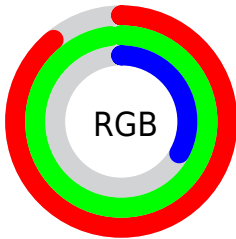
Format	Color
R_{YB}	84, 250, 108
Decimal	14875220
CIE _{Lab}	93.96, -28.66, 73.48
CIE _{LCh}	94, 78.871, 111.312
Yxy	85.1806, 0.3867, 0.4906
Android (android.graphics.Color)	4293065300 (0xFFE2FA54)
YUV	223.9000, -68.9707, 1.8417
Hunter-Lab	92.2933, -31.6556, 50.9188

Details

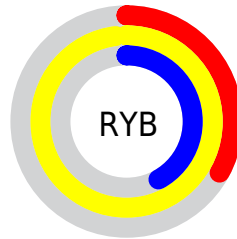
The YIQ color **223.9000, 38.9820, -56.7140** is a light color, and the websafe version is hex **FFFF66**. The color can be described as light muted yellow. A complement of this color would be **110.1000, -38.9820, 56.7140**, and the grayscale version is **225.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **242.0040, 36.5940, -35.4540**, and **164.8370, 43.2930, -63.2590** is the 20% darker color. If you saturate the color by 10%, you get **219.8540, 44.6230, -65.3370**, and if you desaturate by 10%, it is **227.9460, 33.3410, -48.0910**.

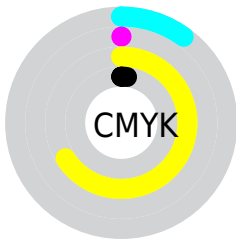
Distribution



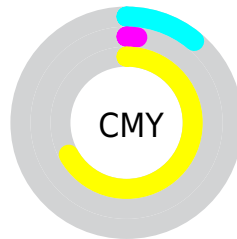
- Red (89%)
- Green (98%)
- Blue (33%)



- Red (33%)
- Yellow (98%)
- Blue (42%)



- Cyan (10%)
- Magenta (0%)
- Yellow (66%)
- Black (2%)



- Cyan (11%)
- Magenta (2%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 223.9000, 38.9820, -56.7140 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 223.9000, 38.9820, -56.7140 by changing the saturation by 10% instead.

223.9000, 38.9820,
-56.7140

223.9000, 38.9820,
-56.7140

255.0000, -0.0000,
-0.0000

194.3730, 39.0280,
-57.5480

242.0040, 36.5940,
-35.4540

164.8370, 43.2930,
-63.2590

245.3100, 27.2850,
-26.4350

138.7040, 36.5980,
-57.5620

248.6160, 17.9760,
-17.4160

115.0700, 27.0600,
-49.9000

251.9220, 8.6670,
-8.3970

91.7350, 18.1180,
-42.0260

68.9760, 7.4340,
-35.6220

46.5160, -2.6540,

-29.0060

■ 25.8280, -12.1000,
-23.0120

■ 12.9140, -6.0500,
-11.5060

■ 223.9000, 38.9820,
-56.7140

■ 223.9000, 38.9820,
-56.7140

■ 219.8540, 44.6230,
-65.3370

■ 227.9460, 33.3410,
-48.0910

■ 216.1070, 50.8600,
-73.7480

■ 231.6930, 27.1040,
-39.6800

■ 212.0610, 56.5010,
-82.3710

■ 235.7390, 21.4630,
-31.0570

■ 210.7360, 58.7940,
-85.3820

■ 239.4860, 15.2260,
-22.6460

■ 243.5320, 9.5850,
-14.0230

■ 247.5780, 3.9440,
-5.4000

■ 250.8690, -1.0090,
1.7670

■ 252.0650, 1.3750,
2.6150

Harmonies

Analogous

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



217.6850, 65.1130, -40.1910



223.9000, 38.9820, -56.7140



204.8850, -35.7510, -62.4630

Triad

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



223.9000, 38.9820, -56.7140



178.7550, -151.9800, -54.0600



205.6920, 23.1000, 43.9320

Complementary

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



223.9000, 38.9820, -56.7140



110.1000, -38.9820, 56.7140

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.



219.7800, 16.5000, 31.3800



223.9000, 38.9820, -56.7140



177.5810, -151.4300, -53.0140

Square

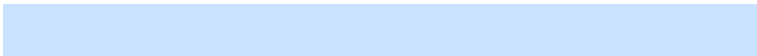
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



223.9000, 38.9820, -56.7140



178.7550, -151.9800, -54.0600



222.4180, -24.4840, 3.1960



198.5270, 44.6530, 22.2610

Rectangle

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



223.9000, 38.9820, -56.7140



170.8890, -129.8310, -75.5190



222.4180, -24.4840, 3.1960



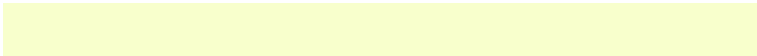
209.2140, 21.4500, 40.7940

Sweetspot

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



223.9000, 38.9820, -56.7140



247.0930, 12.1990, -17.3450



146.5480, 92.8860, 23.6860



122.9710, 6.9710, -10.7010



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.



223.9000, 38.9820, -56.7140



222.7740, 47.6040, -69.8040



199.6810, -9.2940, -73.8860



122.9200, 2.9810, -4.4670



159.0820, 43.9810, -64.7150



51.3550, 14.2170, -20.8790

Inverse Universe

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



110.1000, -38.9820, 56.7140



83.2260, -47.6040, 69.8040



134.3190, 9.2940, 73.8860



114.0800, -2.9810, 4.4670



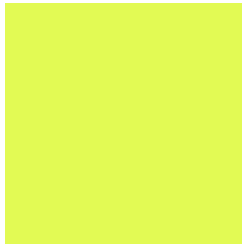
29.6190, -44.5770, 64.5030



9.6450, -14.2170, 20.8790

Previews

White Background



This preview shows how the YIQ color 223.9000, 38.9820, -56.7140 looks on a white background.

Color Contrast Check

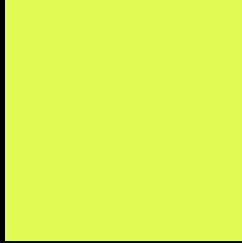
Large Text (above 18pt) WCAG AA × Fail

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 223.9000, 38.9820, -56.7140 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 223.9000, 38.9820, -56.7140

Background



This preview shows how black text looks on a background with the YIQ color 223.9000, 38.9820, -56.7140.



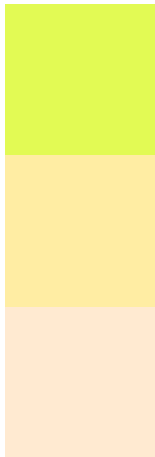
This preview shows how white text looks on a background with the YIQ color 223.9000, 38.9820,

-56.7140.

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

223.9000, 38.9820, -56.7140

Protanopia

233.9460, 34.4820, -19.1980

Deuteranopia

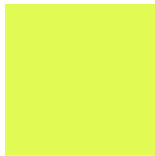
237.4290, 20.5410, -3.3230



Tritanopia

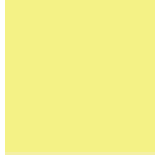
238.7430, -0.4140, 7.5060

Trichromacy



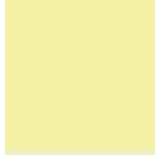
Original Color

223.9000, 38.9820, -56.7140



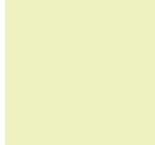
Protanomaly

230.2860, 35.8600, -33.1640



Deuteranomaly

232.5320, 26.7800, -22.7880



Tritanomaly

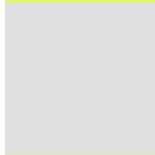
233.5170, 13.9410, -15.8750

Monochromacy



Original Color

223.9000, 38.9820, -56.7140



Achromatopsia

224.0000, -0.0000, 0.0000



Achromatomaly

223.7680, 14.4920, -20.3560

CSS Examples

Text

The CSS property to change the color of the text to YIQ 223.9000, 38.9820, -56.7140 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(226, 250, 84)` looks like.

```
.text, #text, p{  
    color:rgb(226, 250, 84)  
}
```

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(226, 250, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 250, 84) }
```

Border

The CSS property to change the border of an element to YIQ 223.9000, 38.9820, -56.7140 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(226, 250, 84) }
```


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

```
.border{ border-color:rgb(226, 250, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 250, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 250, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 250, 84);  
box-shadow:4px 4px 4px 4px rgb(226, 250,  
84) }
```

Background

The CSS property to change the background color of an element to YIQ 223.9000, 38.9820, -56.7140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 250, 84) }
```

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

```
.background{ background-color: rgb(226,  
250, 84) }
```

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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