

Converting Colors

YIQ(223.8280, 48.6530,
-39.2430)

Have a look what the booklet for
YIQ(223.8280, 48.6530, -39.2430)
contains.

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Color

**YIQ(223.8280, 48.6530,
-39.2430)**

Conversions

Conversions Part 1

Format	Color
Hex	F6EC67
RGB	246, 236, 103
RGB Percent	96%, 93%, 40%
CMY	0.0354, 0.0745, 0.5958
CMYK	0.00, 0.04, 0.58, 0.04
HSL	56°, 89%, 68%
HSV	56°, 58%, 96%
XYZ	70.4469, 80.5592, 24.6884
YIQ	223.8280, 48.6530, -39.2430

Conversions

Conversions Part 2

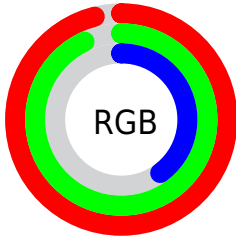
Format	Color
R_{YB}	114, 246, 103
Decimal	16182375
CIE _{Lab}	91.94, -12.75, 64.14
CIE _{LCh}	92, 65.392, 101.240
Yxy	80.5592, 0.4010, 0.4585
Android (android.graphics.Color)	4294372455 (0xFFFF6EC67)
YUV	223.8280, -59.5682, 19.4448
Hunter-Lab	89.7548, -16.9695, 46.5197

Details

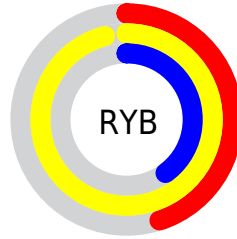
The YIQ color **223.8280, 48.6530, -39.2430** is a light color, and the websafe version is hex **FFFF66**. A complement of this color would be **125.1720, -48.6530, 39.2430**, and the grayscale version is **224.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **243.9420, 31.1370, -30.1670**, and **166.9310, 46.8650, -39.8790** is the 20% darker color. If you saturate the color by 10%, you get **219.8040, 57.2280, -45.9720**, and if you desaturate by 10%, it is **227.8520, 40.0780, -32.5140**.

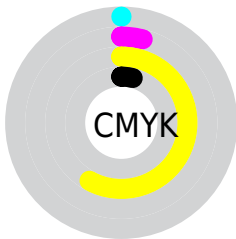
Distribution



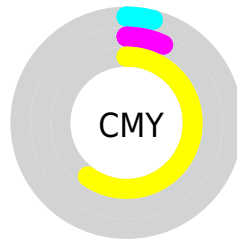
- Red (96%)
- Green (93%)
- Blue (40%)



- Red (45%)
- Yellow (96%)
- Blue (40%)



- Cyan (0%)
- Magenta (4%)
- Yellow (58%)
- Black (4%)



- Cyan (4%)
- Magenta (7%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 223.8280, 48.6530, -39.2430 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 223.8280, 48.6530, -39.2430 by changing the saturation by 10% instead.

223.8280, 48.6530,
-39.2430

223.8280, 48.6530,
-39.2430

255.0000, -0.0000,
-0.0000

195.3440, 47.1400,
-39.3560

243.9420, 31.1370,
-30.1670

166.9310, 46.8650,
-39.8790

247.2480, 21.8280,
-21.1480

138.4380, 49.5710,
-44.8690

250.4400, 12.8400,
-12.4400

114.0060, 42.2800,
-39.3840

253.8600, 3.2100,
-3.1100

90.9590, 32.4670,
-32.2450

68.7980, 22.9750,
-25.4170

48.1100, 13.5290,

-19.4230

■ 27.7210, 4.6790,
-13.2170

■ 7.6310, -3.5750,
-6.7990

■ 223.8280, 48.6530,
-39.2430

■ 223.8280, 48.6530,
-39.2430

■ 219.8040, 57.2280,
-45.9720

■ 227.8520, 40.0780,
-32.5140

■ 216.4810, 65.2070,
-52.9130


■ 231.1750, 32.0990,
-25.5730


■ 212.4570, 73.7820,
-59.6420

■ 235.1990, 23.5240,
-18.8440

■ 208.5470, 82.0360,
-66.0600


■ 239.1090, 15.2700,
-12.4260

 207.9770, 83.6410,
-67.6150

 243.1330, 6.6950,
-5.6970

 246.5700, -1.6050,
1.5550

 248.2000, -3.4390,
1.7530

 249.3740, -3.9890,
0.7070

 249.9610, -4.2640,
0.1840

Harmonies

Analogous

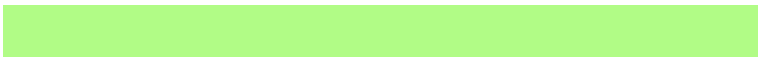
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



214.5170, 57.4990, -23.3410



223.8280, 48.6530, -39.2430



216.1230, -6.8220, -52.5980

Triad

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



223.8280, 48.6530, -39.2430



178.7550, -151.9800, -54.0600



213.3230, 19.5250, 37.1330

Complementary

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



223.8280, 48.6530, -39.2430



125.1720, -48.6530, 39.2430

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.



226.2370, 13.4750, 25.6270



223.8280, 48.6530, -39.2430



175.2330, -150.3300, -50.9220

Square

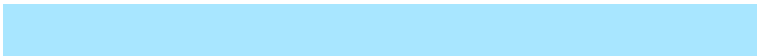
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



223.8280, 48.6530, -39.2430



178.6410, -151.6590, -54.3710



214.3120, -44.9770, -5.3690



204.6710, 35.6200, 26.2760

Rectangle

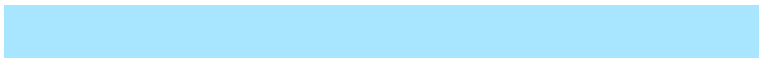
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



223.8280, 48.6530, -39.2430



204.5320, -53.4500, -55.5780



214.3120, -44.9770, -5.3690



217.4320, 17.6000, 33.4720

Sweetspot

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



223.8280, 48.6530, -39.2430



248.3370, 14.6280, -11.8040



147.1250, 81.3760, 34.0480



123.8620, 8.8960, -7.0400



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.



223.8280, 48.6530, -39.2430



227.6640, 60.4380, -49.0820



211.7580, 10.1430, -57.1930



120.6320, 3.8520, -3.7320



157.1650, 63.2810, -51.0470



49.9260, 20.0390, -16.2570

Inverse Universe

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



125.1720, -48.6530, 39.2430



104.3360, -60.4380, 49.0820



137.2420, -10.1430, 57.1930



111.9550, -4.1270, 3.2090



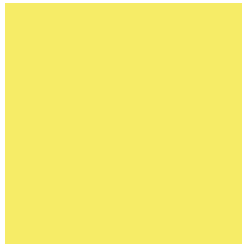
28.8350, -63.2810, 51.0470



9.0740, -20.0390, 16.2570

Previews

White Background



This preview shows how the YIQ color 223.8280, 48.6530, -39.2430 looks on a white background.

Color Contrast Check

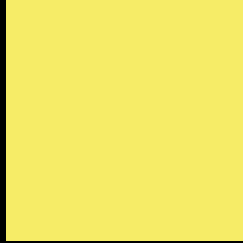
Large Text (above 18pt) WCAG AA × Fail

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 223.8280, 48.6530, -39.2430 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 223.8280, 48.6530, -39.2430

Background



This preview shows how black text looks on a background with the YIQ color 223.8280, 48.6530, -39.2430.



This preview shows how white text looks on a background with the YIQ color 223.8280, 48.6530,

-39.2430.

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

223.8280, 48.6530, -39.2430

Protanopia

226.4510, 48.6970, -29.0230

Deuteranopia

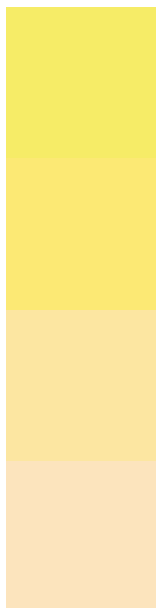
231.6100, 27.2810, -4.3270



Tritanopia

234.2780, 14.2570, 11.4490

Trichromacy



Original Color

223.8280, 48.6530, -39.2430

Protanomaly

225.3430, 48.8810, -32.3590

Deuteranomaly

228.7120, 35.2610, -16.7950

Tritanomaly

230.7300, 26.8230, -7.0410

Monochromacy



Original Color

223.8280, 48.6530, -39.2430

Achromatopsia

224.0000, -0.0000, 0.0000

Achromatomaly

223.7240, 17.7920, -14.0800

CSS Examples

Text

The CSS property to change the color of the text to YIQ 223.8280, 48.6530, -39.2430 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(246, 236, 103)` looks like.

```
.text, #text, p{  
    color:rgb(246, 236, 103)  
}
```

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(246, 236, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 236, 103) }
```

Border

The CSS property to change the border of an element to YIQ 223.8280, 48.6530, -39.2430 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(246, 236, 103) }
```


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

```
.border{ border-color:rgb(246, 236, 103) }
```

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

Here you see how a box with a 4 pixel rgb(246, 236, 103) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 236, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 236, 103);  
box-shadow:4px 4px 4px 4px rgb(246, 236,  
103) }
```

Background

The CSS property to change the background color of an element to YIQ 223.8280, 48.6530, -39.2430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 236, 103) }
```

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

```
.background{ background-color: rgb(246,  
236, 103) }
```

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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