

Converting Colors

YIQ(201.3940, 79.2340,
-37.2940)

Have a look what the booklet for
YIQ(201.3940, 79.2340, -37.2940)
contains.

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Color

**YIQ(201.3940, 79.2340,
-37.2940)**

Conversions

Conversions Part 1

Format	Color
Hex	FECC32
RGB	254, 204, 50
RGB Percent	100%, 80%, 20%
CMY	0.0039, 0.2001, 0.8035
CMYK	0.00, 0.20, 0.80, 0.00
HSL	45°, 99%, 60%
HSV	45°, 80%, 100%
XYZ	63.0411, 64.4787, 12.1532
YIQ	201.3940, 79.2340, -37.2940

Conversions

Conversions Part 2

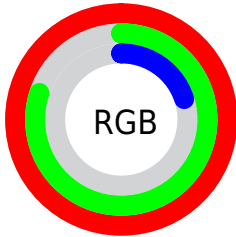
Format	Color
R _Y B	116, 254, 50
Decimal	16698418
CIE Lab	84.21, 4.09, 76.49
CIE LCh	84, 76.597, 86.942
Yxy	64.4787, 0.4513, 0.4616
Android (android.graphics.Color)	4294888498 (0xFFFECC32)
YUV	201.3940, -74.6372, 46.1355
Hunter-Lab	80.2986, -0.3853, 47.2355

Details

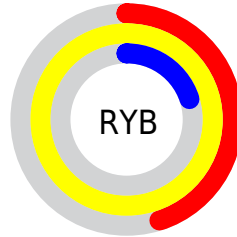
The YIQ color **201.3940, 79.2340, -37.2940** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed yellow. A complement of this color would be **102.6060, -79.2340, 37.2940**, and the grayscale version is **202.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **238.4700, 46.5450, -45.0950**, and **145.7570, 73.7780, -37.5340** is the 20% darker color. If you saturate the color by 10%, you get **195.0220, 88.9090, -41.9310**, and if you desaturate by 10%, it is **207.8800, 69.2380, -32.3460**.

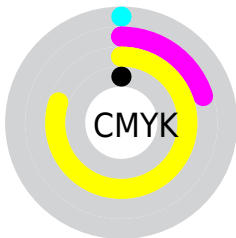
Distribution



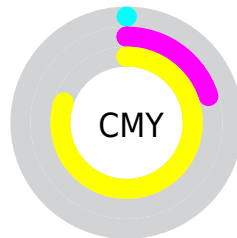
- Red (100%)
- Green (80%)
- Blue (20%)



- Red (45%)
- Yellow (100%)
- Blue (20%)



- Cyan (0%)
- Magenta (20%)
- Yellow (80%)
- Black (0%)



- Cyan (0%)
- Magenta (20%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 201.3940, 79.2340, -37.2940 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 201.3940, 79.2340, -37.2940 by changing the saturation by 10% instead.

201.3940, 79.2340,
-37.2940

201.3940, 79.2340,
-37.2940

255.0000, -0.0000,
-0.0000

170.9180, 83.2700,
-44.3620

238.4700, 46.5450,
-45.0950

145.7570, 73.7780,
-37.5340

241.6620, 37.5570,
-36.3870

122.1120, 62.7730,
-30.8190

244.9680, 28.2480,
-27.3680

98.7660, 52.3640,
-23.8920

248.1600, 19.2600,
-18.6600

75.7080, 41.0840,
-17.7000

251.5800, 9.6300,
-9.3300

54.7210, 31.0420,
-11.9180

254.8860, 0.3210,

34.6200, 21.3210,

-0.3110

-6.4470

■ 14.2310, 12.4710,
-0.2410

■ 0.0000, 0.0000,
0.0000

■ 201.3940, 79.2340,
-37.2940

■ 201.3940, 79.2340,
-37.2940

■ 195.0220, 88.9090,
-41.9310

■ 207.8800, 69.2380,
-32.3460

■ 188.6500, 98.5840,
-46.5680

■ 214.2520, 59.5630,
-27.7090

■ 221.2110, 49.6130,
-23.5950

■ 227.6970, 39.6170,
-18.6470

■ 234.0690, 29.9420,
-14.0100

■ 240.5550, 19.9460,
-9.0620

■ 247.5140, 9.9960,
-4.9480

■ 253.8860, 0.3210,
-0.3110

■ 254.7010, -0.5960,
-0.2120

Harmonies

Analogous

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



189.5890, 75.3320, -10.6200



201.3940, 79.2340, -37.2940



194.6580, 25.0440, -57.4200

Triad

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



201.3940, 79.2340, -37.2940



172.2980, -148.9550, -48.3070



200.9960, 25.3000, 48.1160

Complementary

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



201.3940, 79.2340, -37.2940



102.6060, -79.2340, 37.2940

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.



202.1500, -17.1970, 19.8190



201.3940, 79.2340, -37.2940



168.1890, -147.0300, -44.6460

Square

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



201.3940, 79.2340, -37.2940



166.0280, -131.3000, -65.4120



158.7970, -142.6300, -36.2780



184.7930, 41.9890, 48.5250

Rectangle

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



201.3940, 79.2340, -37.2940



186.9910, -24.4260, -63.9620



158.7970, -142.6300, -36.2780



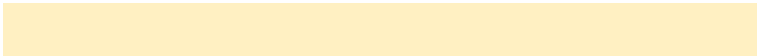
206.8660, 22.5500, 42.8860

Sweetspot

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



201.3940, 79.2340, -37.2940



239.2410, 23.7060, -11.1260



116.8100, 105.2130, 59.1090



117.9120, 14.6270, -6.2770



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.



201.3940, 79.2340, -37.2940



191.8500, 95.1450, -44.8150



215.4950, 35.0880, -74.2560



124.1700, 5.2730, -1.9510



141.6370, 74.2360, -34.8200



47.3120, 24.9440, -11.5360

Inverse Universe

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



102.6060, -79.2340, 37.2940



73.1500, -95.1450, 44.8150



88.5050, -35.0880, 74.2560



118.2430, -4.9980, 2.4740



49.3630, -74.2360, 34.8200



16.6880, -24.9440, 11.5360

Previews

White Background



This preview shows how the YIQ color 201.3940, 79.2340, -37.2940 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 201.3940, 79.2340, -37.2940 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 201.3940, 79.2340, -37.2940

Background



This preview shows how black text looks on a background with the YIQ color 201.3940, 79.2340, -37.2940.



This preview shows how white text looks on a background with the YIQ color 201.3940, 79.2340, -37.2940.

-37.2940.

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

201.3940, 79.2340, -37.2940

Protanopia

200.3490, 65.9390, -44.1490

Deuteranopia

207.1310, 61.7620, -17.9980



Tritanopia

213.6070, 32.5040, 16.6640

Trichromacy



Original Color

201.3940, 79.2340, -37.2940

Protanomaly

200.5670, 71.2570, -41.4070

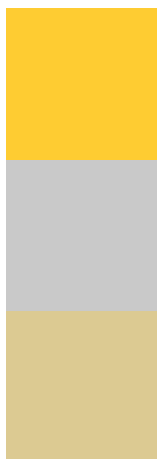
Deuteranomaly

205.3240, 68.2280, -25.0520

Tritanomaly

209.4570, 49.7010, -3.1550

Monochromacy



Original Color

201.3940, 79.2340, -37.2940

Achromatopsia

201.0000, -0.0000, 0.0000

Achromatomaly

200.9980, 28.7040, -13.6000

CSS Examples

Text

The CSS property to change the color of the text to YIQ 201.3940, 79.2340, -37.2940 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, 204, 50)` looks like.

```
.text, #text, p{  
    color:rgb(254, 204, 50)  
}
```

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, 204, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 204, 50) }
```

Border

The CSS property to change the border of an element to YIQ 201.3940, 79.2340, -37.2940 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, 204, 50) }
```


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

```
.border{ border-color:rgb(254, 204, 50) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 204, 50)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 204, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 204, 50);  
box-shadow:4px 4px 4px 4px rgb(254, 204,  
50) }
```

Background

The CSS property to change the background color of an element to YIQ 201.3940, 79.2340, -37.2940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 204, 50) }
```

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

```
.background{ background-color: rgb(254,  
204, 50) }
```

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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