

Converting Colors

YIQ(209.4340, 38.1990,
-37.0090)

Have a look what the booklet for
YIQ(209.4340, 38.1990, -37.0090)
contains.

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Color

**YIQ(209.4340, 38.1990,
-37.0090)**

Conversions

Conversions Part 1

Format	Color
Hex	DFDF68
RGB	223, 223, 104
RGB Percent	87%, 87%, 41%
CMY	0.1256, 0.1255, 0.5919
CMYK	0.00, 0.00, 0.53, 0.13
HSL	60°, 65%, 64%
HSV	60°, 53%, 87%
XYZ	59.3150, 69.4609, 23.3943
YIQ	209.4340, 38.1990, -37.0090

Conversions

Conversions Part 2

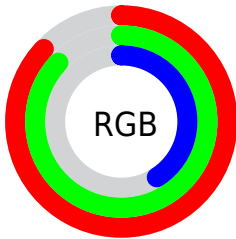
Format	Color
RYB	104, 223, 104
Decimal	14671720
CIELab	86.73, -15.53, 57.34
CIELCh	87, 59.402, 105.155
Yxy	69.4609, 0.3898, 0.4565
Android (android.graphics.Color)	4292861800 (0xFFDFDF68)
YUV	209.4340, -51.9790, 11.8974
Hunter-Lab	83.3432, -18.8128, 41.6976

Details

The YIQ color $209.4340, 38.1990, -37.0090$ is a light color, and the websafe version is hex `CCCC66`. A complement of this color would be $117.5660, -38.1990, 37.0090$, and the grayscale version is $210.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $243.9420, 31.1370, -30.1670$, and $153.6510, 36.0900, -37.3340$ is the 20% darker color. If you saturate the color by 10%, you get $206.9260, 45.2610, -43.8510$, and if you desaturate by 10%, it is $211.9420, 31.1370, -30.1670$.

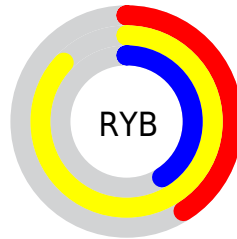
Distribution



Red (87%)

Green (87%)

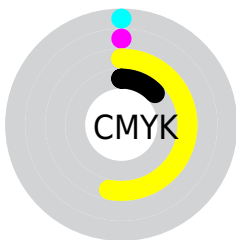
Blue (41%)



Red (41%)

Yellow (87%)

Blue (41%)

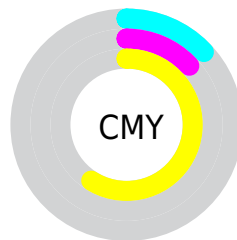


Cyan (0%)

Magenta (0%)

Yellow (53%)

Black (13%)



Cyan (13%)

Magenta (13%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 209.4340, 38.1990, -37.0090 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 209.4340, 38.1990, -37.0090 by changing the saturation by 10% instead.

209.4340, 38.1990,
-37.0090

209.4340, 38.1990,
-37.0090

255.0000, -0.0000,
-0.0000

181.2490, 37.2820,
-36.9100

243.9420, 31.1370,
-30.1670

153.6510, 36.0900,
-37.3340

247.1340, 22.1490,
-21.4590

126.4830, 36.5030,
-39.3130

250.4400, 12.8400,
-12.4400

100.9820, 33.6600,
-37.3480

253.7460, 3.5310,
-3.4210

78.8210, 24.1680,
-30.5200

56.9590, 15.2720,
-23.4800

36.5700, 6.4220,

-17.2740

■ 15.8490, -7.4250,
-14.1210

■ 0.0000, 0.0000,
0.0000

■ 209.4340, 38.1990,
-37.0090

■ 209.4340, 38.1990,
-37.0090

■ 206.9260, 45.2610,
-43.8510

■ 211.9420, 31.1370,
-30.1670

■ 204.3040, 52.6440,
-51.0040

■ 214.5640, 23.7540,
-23.0140

■ 201.7960, 59.7060,
-57.8460

■ 217.0720, 16.6920,
-16.1720

■ 199.2880, 66.7680,
-64.6880

■ 219.5800, 9.6300,
-9.3300

■ 197.5780, 71.5830,
-69.3530

■ 222.2020, 2.2470,
-2.1770

■ 224.7100, -4.8150,
4.6650

■ 226.6480,
-10.2720, 9.9520

Harmonies

Analogous

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



208.1910, 61.5330, -19.3550



209.4340, 38.1990, -37.0090



202.3490, -13.1500, -48.0460

Triad

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



209.4340, 38.1990, -37.0090



171.1240, -148.4050, -47.2610



206.6550, 24.5220, 40.1860

Complementary

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



209.4340, 38.1990, -37.0090



117.5660, -38.1990, 37.0090

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.



217.4320, 17.6000, 33.4720



209.4340, 38.1990, -37.0090



164.6670, -145.3800, -41.5080

Square

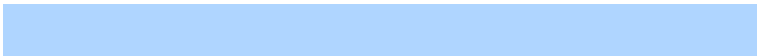
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



209.4340, 38.1990, -37.0090



172.3320, -146.2950, -52.4630



206.4260, -36.1300, 5.0060



198.3960, 43.6440, 24.0280

Rectangle

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



209.4340, 38.1990, -37.0090



192.6010, -57.8980, -52.0580



206.4260, -36.1300, 5.0060



209.8010, 21.1750, 40.2710

Sweetspot

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



209.4340, 38.1990, -37.0090



250.3260, 13.1610, -12.7510



139.5810, 70.9240, 25.2280



124.8510, 7.4290, -7.9870



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.



209.4340, 38.1990, -37.0090



236.4180, 52.3230, -50.6930



191.7930, 3.0350, -49.5170



110.7460, 3.5310, -3.4210



155.9360, 56.4960, -54.7360



42.5280, 15.4080, -14.9280

Inverse Universe

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



117.5660, -38.1990, 37.0090



110.5820, -52.3230, 50.6930



135.5060, -2.4390, 49.7290



102.2540, -3.5310, 3.4210



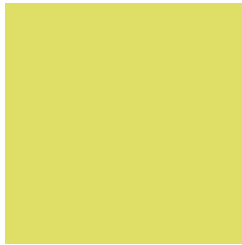
20.0640, -56.4960, 54.7360



5.4720, -15.4080, 14.9280

Previews

White Background



This preview shows how the YIQ color 209.4340, 38.1990, -37.0090 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 209.4340, 38.1990, -37.0090 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

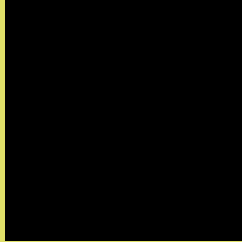
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 209.4340, 38.1990, -37.0090

Background



This preview shows how black text looks on a background with the YIQ color 209.4340, 38.1990, -37.0090.



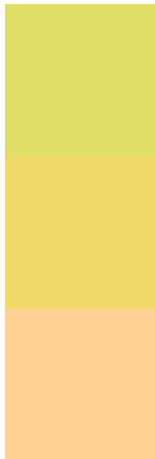
This preview shows how white text looks on a background with the YIQ color 209.4340, 38.1990, -37.0090.

-37.0090.

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

209.4340, 38.1990, -37.0090

Protanopia

210.7670, 50.6230, -30.8890

Deuteranopia

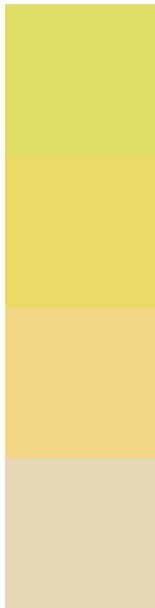
215.6860, 47.3180, -9.5300



Tritanopia

219.2990, 9.7640, 10.2760

Trichromacy



Original Color

209.4340, 38.1990, -37.0090

Protanomaly

210.2610, 46.1760, -32.8960

Deuteranomaly

213.2090, 43.9270, -19.6650

Tritanomaly

216.0220, 20.1290, -6.8710

Monochromacy



Original Color

209.4340, 38.1990, -37.0090

Achromatopsia

209.0000, 0.0000, 0.0000

Achromatomaly

209.0980, 13.8030, -13.3730

CSS Examples

Text

The CSS property to change the color of the text to YIQ 209.4340, 38.1990, -37.0090 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(223, 223, 104)` looks like.

```
.text, #text, p{  
    color:rgb(223, 223, 104)  
}
```

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(223, 223, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 223, 104) }
```

Border

The CSS property to change the border of an element to YIQ 209.4340, 38.1990, -37.0090 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(223, 223, 104) }
```


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

```
.border{ border-color:rgb(223, 223, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 223, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(223, 223, 104); -webkit-box-shadow:4px 4px 4px 4px rgb(223, 223, 104); box-shadow:4px 4px 4px 4px rgb(223, 223, 104) }
```

Background

The CSS property to change the background color of an element to YIQ 209.4340, 38.1990, -37.0090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 223, 104) }
```

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

```
.background{ background-color: rgb(223,  
223, 104) }
```

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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