

Converting Colors

YIQ(223.8480, 37.8740,
-14.5900)

Have a look what the booklet for
YIQ(223.8480, 37.8740, -14.5900)
contains.

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Color

**YIQ(223.8480, 37.8740,
-14.5900)**

Conversions

Conversions Part 1

Format	Color
Hex	FBDF9D
RGB	251, 223, 157
RGB Percent	98%, 87%, 62%
CMY	0.0157, 0.1255, 0.3841
CMYK	0.00, 0.11, 0.37, 0.02
HSL	42°, 92%, 80%
HSV	42°, 37%, 98%
XYZ	72.2607, 75.7155, 42.7273
YIQ	223.8480, 37.8740, -14.5900

Conversions

Conversions Part 2

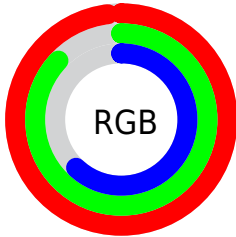
Format	Color
RYB	197, 251, 157
Decimal	16506781
CIELab	89.73, 0.62, 35.86
CIElCh	90, 35.870, 89.005
Yxy	75.7155, 0.3789, 0.3970
Android (android.graphics.Color)	4294696861 (0xFFFBDF9D)
YUV	223.8480, -32.9561, 23.8123
Hunter-Lab	87.0146, -4.0416, 31.7967

Details

The YIQ color $223.8480, 37.8740, -14.5900$ is a light color, and the websafe version is hex FFCC99 . A complement of this color would be $184.1520, -37.8740, 14.5900$, and the grayscale version is $224.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $250.0980, 13.8030, -13.3730$, and $168.2930, 35.1230, -14.2930$ is the 20% darker color. If you saturate the color by 10%, you get $216.8890, 47.8240, -18.7040$, and if you desaturate by 10%, it is $230.8070, 27.9240, -10.4760$.

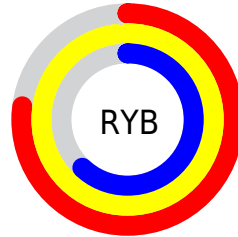
Distribution



Red (98%)

Green (87%)

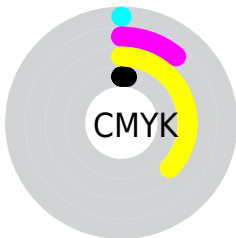
Blue (62%)



Red (77%)

Yellow (98%)

Blue (62%)

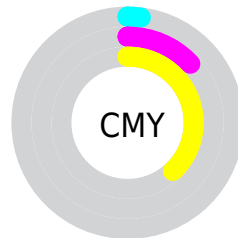


Cyan (0%)

Magenta (11%)

Yellow (37%)

Black (2%)



Cyan (2%)


Magenta (13%)


Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 223.8480, 37.8740, -14.5900 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 223.8480, 37.8740, -14.5900 by changing the saturation by 10% instead.


 223.8480, 37.8740,
-14.5900

 223.8480, 37.8740,
-14.5900


255.0000, -0.0000,
-0.0000


 195.7770, 36.6360,
-14.1800


 250.0980, 13.8030,
-13.3730


 168.2930, 35.1230,
-14.2930

 253.4040, 4.4940,
-4.3540

 141.8090, 33.6100,
-14.4060

 115.7380, 32.3720,
-13.9960

 90.8410, 30.5840,
-14.6320

 66.1290, 29.7130,
-15.3670

 45.2410, 23.7060,

-11.1260

■ 26.0260, 14.3060,
-5.9660

■ 0.0000, 0.0000,
0.0000

■ 223.8480, 37.8740,
-14.5900

■ 223.8480, 37.8740,
-14.5900

■ 216.8890, 47.8240,
-18.7040

■ 230.8070, 27.9240,
-10.4760

■ 209.3430, 58.0490,
-22.2950

■ 238.3530, 17.6990,
-6.8850

■ 202.3840, 67.9990,
-26.4090

■ 245.3120, 7.7490,
-2.7710

■ 194.8380, 78.2240,
-30.0000

■ 252.6300, -1.8340,
0.1980

■ 187.8790, 88.1740,
-34.1140

■ 253.8040, -2.3840,
-0.8480

■ 180.2190, 98.7200,
-38.0160

■ 178.3610,
101.1960, -38.8360

Harmonies

Analogous

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



219.2540, 40.0270, -4.0450



223.8480, 37.8740, -14.5900



220.4530, 10.8250, -25.4870

Triad

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



223.8480, 37.8740, -14.5900



207.2810, -79.2230, -23.5030



226.2370, 13.4750, 25.6270

Complementary

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



223.8480, 37.8740, -14.5900



184.1520, -37.8740, 14.5900

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.



224.9200, -5.0460, 14.3620



223.8480, 37.8740, -14.5900



208.8420, -67.4410, -16.7610

Square

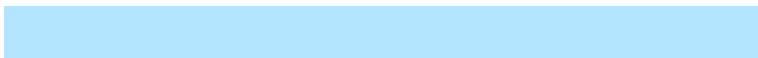
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



223.8480, 37.8740, -14.5900



209.9120, -56.4350, -29.0030



217.3130, -37.5500, -2.3020



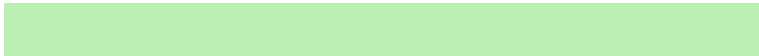
219.6370, 23.7920, 20.3680

Rectangle

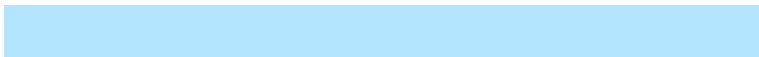
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



223.8480, 37.8740, -14.5900



217.0250, -11.4570, -29.1610



217.3130, -37.5500, -2.3020



227.9980, 12.6500, 24.0580

Sweetspot

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



223.8480, 37.8740, -14.5900



247.1120, 11.1880, -4.5240



188.2980, 47.0360, 28.6360



123.1270, 6.8320, -2.6720



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.



223.8480, 37.8740, -14.5900



221.9320, 46.2650, -17.9830



234.6030, 18.8500, -33.2620



121.1700, 5.2730, -1.9510



133.9950, 76.3440, -28.9680



43.4800, 24.5310, -9.5570

Inverse Universe

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



184.1520, -37.8740, 14.5900



173.0680, -46.2650, 17.9830



173.3970, -18.8500, 33.2620



115.8300, -5.2730, 1.9510



54.4180, -76.0690, 29.4910



17.5200, -24.5310, 9.5570

Previews

White Background



This preview shows how the YIQ color 223.8480, 37.8740, -14.5900 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 223.8480, 37.8740, -14.5900 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 223.8480, 37.8740, -14.5900

Background



This preview shows how black text looks on a background with the YIQ color 223.8480, 37.8740, -14.5900.



This preview shows how white text looks on a background with the YIQ color 223.8480, 37.8740,

-14.5900.

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

223.8480, 37.8740, -14.5900

Protanopia

223.6300, 32.5560, -17.3320

Deuteranopia

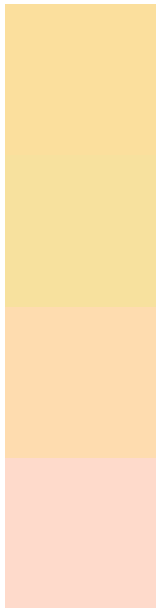
225.8880, 32.3700, -2.9420



Tritanopia

228.6700, 19.0250, 13.1450

Trichromacy



Original Color

223.8480, 37.8740, -14.5900

Protanomaly

223.9400, 34.6190, -16.1730

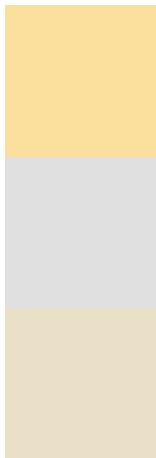
Deuteranomaly

225.0360, 34.7090, -6.7870

Tritanomaly

227.0540, 26.2710, 2.9670

Monochromacy



Original Color

223.8480, 37.8740, -14.5900

Achromatopsia

224.0000, -0.0000, 0.0000

Achromatomaly

224.2540, 13.6640, -5.3440

CSS Examples

Text

The CSS property to change the color of the text to YIQ 223.8480, 37.8740, -14.5900 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(251, 223, 157)` looks like.

```
.text, #text, p{  
    color:rgb(251, 223, 157)  
}
```

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(251, 223, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 223, 157) }
```

Border

The CSS property to change the border of an element to YIQ 223.8480, 37.8740, -14.5900 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(251, 223, 157) }
```


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

```
.border{ border-color:rgb(251, 223, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 223, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 223, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 223, 157);  
box-shadow:4px 4px 4px 4px rgb(251, 223,  
157) }
```

Background

The CSS property to change the background color of an element to YIQ 223.8480, 37.8740, -14.5900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 223, 157) }
```

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

```
.background{ background-color: rgb(251,  
223, 157) }
```

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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