

Converting Colors

YIQ(234.6980, 37.8760,
-25.6440)

Have a look what the booklet for
YIQ(234.6980, 37.8760, -25.6440)
contains.

YIQ(234.6980, 37.8760, -25.6440)	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(234.6980, 37.8760,
-25.6440)**

Conversions

Conversions Part 1

Format	Color
Hex	FFF195
RGB	255, 241, 149
RGB Percent	100%, 95%, 58%
CMY	0.0000, 0.0549, 0.4155
CMYK	0.00, 0.05, 0.42, 0.00
HSL	52°, 100%, 79%
HSV	52°, 42%, 100%
XYZ	78.1206, 86.3375, 41.0048
YIQ	234.6980, 37.8760, -25.6440

Conversions

Conversions Part 2

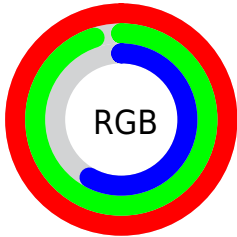
Format	Color
R _Y B	165, 255, 149
Decimal	16773525
CIE Lab	94.46, -7.75, 46.01
CIE LCh	94, 46.661, 99.556
Yxy	86.3375, 0.3802, 0.4202
Android (android.graphics.Color)	4294963605 (0xFFFFF195)
YUV	234.6980, -42.2491, 17.8049
Hunter-Lab	92.9180, -12.5331, 38.8778

Details

The YIQ color $234.6980, 37.8760, -25.6440$ is a light color, and the websafe version is hex $FFFF99$. A complement of this color would be $169.3020, -37.8760, 25.6440$, and the grayscale version is $235.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $249.1860, 16.3710, -15.8610$, and $178.4420, 35.7210, -25.1350$ is the 20% darker color. If you saturate the color by 10%, you get $230.0870, 46.7260, -31.8500$, and if you desaturate by 10%, it is $239.4230, 28.7050, -19.1270$.

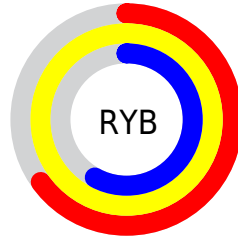
Distribution



Red (100%)

Green (95%)

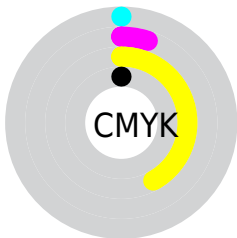
Blue (58%)



Red (65%)

Yellow (100%)

Blue (58%)

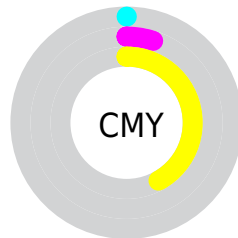


Cyan (0%)

Magenta (5%)

Yellow (42%)

Black (0%)



Cyan (0%)


Magenta (5%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 234.6980, 37.8760, -25.6440 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 234.6980, 37.8760, -25.6440 by changing the saturation by 10% instead.


 234.6980, 37.8760,
-25.6440

 234.6980, 37.8760,
-25.6440


255.0000, -0.0000,
-0.0000


 206.5130, 36.9590,
-25.5450


 249.1860, 16.3710,
-15.8610


 178.4420, 35.7210,
-25.1350

 252.4920, 7.0620,
-6.8420

 151.0720, 33.8870,
-24.9370

 124.8870, 32.9700,
-24.8380

 99.0610, 32.4200,
-25.8840

 74.7340, 29.0270,
-24.9650

 53.7580, 20.4520,

-18.2360

■ 33.9560, 11.3270,
-12.5530

■ 12.6480, -2.2450,
-8.8770

■ 234.6980, 37.8760,
-25.6440

■ 234.6980, 37.8760,
-25.6440

■ 230.0870, 46.7260,
-31.8500

■ 239.4230, 28.7050,
-19.1270

■ 224.7750, 56.1720,
-37.8440

■ 244.6210, 19.5800,
-13.4440

■ 220.1640, 65.0220,
-44.0500

■ 249.3460, 10.4090,
-6.9270

■ 215.4390, 74.1930,
-50.5670

■ 253.9570, 1.5590,
-0.7210

■ 210.2410, 83.3180, 255.0000, -0.0000,
-56.2500 -0.0000

■ 205.9720, 91.2050,
-61.5230

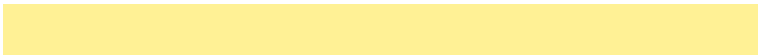
Harmonies

Analogous

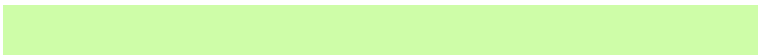
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



226.5770, 40.0750, -15.9330



234.6980, 37.8760, -25.6440



229.2570, -0.7270, -36.3990

Triad

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



234.6980, 37.8760, -25.6440



197.5920, -114.4320, -40.7040



227.9980, 12.6500, 24.0580

Complementary

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



234.6980, 37.8760, -25.6440



169.3020, -37.8760, 25.6440

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.



235.6290, 9.0750, 17.2590



234.6980, 37.8760, -25.6440



213.7710, -77.8470, -26.4150

Square

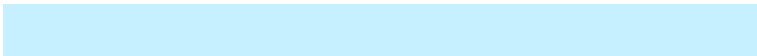
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



234.6980, 37.8760, -25.6440



205.6220, -96.7810, -35.7010



228.5650, -29.5720, -3.7160



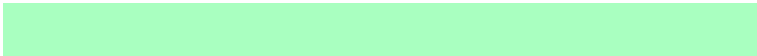
221.7570, 23.3340, 17.6540

Rectangle

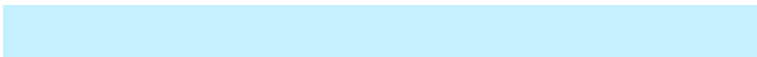
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



234.6980, 37.8760, -25.6440



222.1040, -31.0330, -37.8250



228.5650, -29.5720, -3.7160



229.7590, 11.8250, 22.4890

Sweetspot

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



234.6980, 37.8760, -25.6440



249.1180, 11.0510, -7.5490



182.2900, 58.6820, 26.8260



124.1870, 6.6030, -4.0290



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

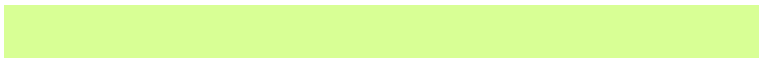
The Same Dimension uses a secret algorithm to generate beautiful new colors.



234.6980, 37.8760, -25.6440



230.5430, 45.4420, -30.6060



231.2550, 10.7820, -41.2340



125.3440, 4.7230, -2.9970



154.5510, 68.1860, -46.3260



51.4210, 23.0190, -15.1970

Inverse Universe

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



169.3020, -37.8760, 25.6440



151.8700, -45.1670, 31.1290



172.7450, -10.7820, 41.2340



117.0690, -4.4480, 3.5200



36.4490, -68.1860, 46.3260



11.9920, -22.7440, 15.7200

Previews

White Background



This preview shows how the YIQ color 234.6980, 37.8760, -25.6440 looks on a white background.

Color Contrast Check

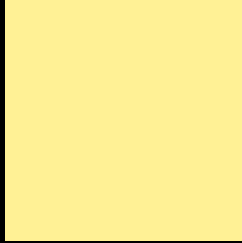
Large Text (above 18pt) WCAG AA × Fail

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 234.6980, 37.8760, -25.6440 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

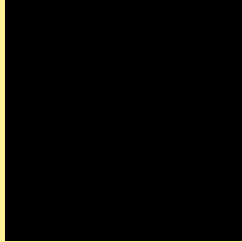
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 234.6980, 37.8760, -25.6440

Background



This preview shows how black text looks on a background with the YIQ color 234.6980, 37.8760, -25.6440.



This preview shows how white text looks on a background with the YIQ color 234.6980, 37.8760, -25.6440.

-25.6440.

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

234.6980, 37.8760, -25.6440

Protanopia

236.9440, 28.7960, -15.2680

Deuteranopia

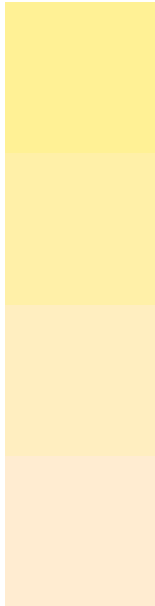
239.5150, 17.4230, -1.8810



Tritanopia

240.8320, 9.5810, 8.0850

Trichromacy



Original Color

234.6980, 37.8760, -25.6440

Protanomaly

236.2770, 32.0520, -19.2120

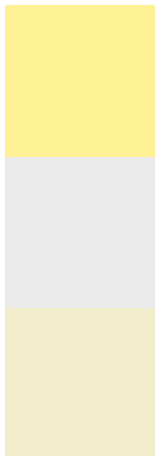
Deuteranomaly

237.8390, 24.8980, -10.7020

Tritanomaly

238.6030, 19.9910, -4.3690

Monochromacy



Original Color

234.6980, 37.8760, -25.6440

Achromatopsia

235.0000, 0.0000, -0.0000

Achromatomaly

234.7330, 13.5730, -9.2030

CSS Examples

Text

The CSS property to change the color of the text to YIQ 234.6980, 37.8760, -25.6440 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(255, 241, 149)` looks like.

```
.text, #text, p{  
    color:rgb(255, 241, 149)  
}
```

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(255, 241, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 241, 149) }
```

Border

The CSS property to change the border of an element to YIQ 234.6980, 37.8760, -25.6440 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(255, 241, 149) }
```


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

```
.border{ border-color:rgb(255, 241, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 241, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 241, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 241, 149);  
box-shadow:4px 4px 4px 4px rgb(255, 241,  
149) }
```

Background

The CSS property to change the background color of an element to YIQ 234.6980, 37.8760, -25.6440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 241, 149) }
```

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

```
.background{ background-color: rgb(255,  
241, 149) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor