

Converting Colors

YIQ(225.5240, 37.2850,
-53.4910)

Have a look what the booklet for
YIQ(225.5240, 37.2850, -53.4910)
contains.

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Color

**YIQ(225.5240, 37.2850,
-53.4910)**

Conversions

Conversions Part 1

Format	Color
Hex	E4FA5D
RGB	228, 250, 93
RGB Percent	89%, 98%, 36%
CMY	0.1060, 0.0195, 0.6350
CMYK	0.09, 0.00, 0.63, 0.02
HSL	68°, 94%, 67%
HSV	68°, 63%, 98%
XYZ	68.1499, 85.6560, 23.3133
YIQ	225.5240, 37.2850, -53.4910

Conversions

Conversions Part 2

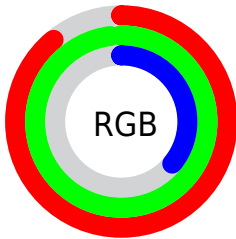
Format	Color
RYB	93, 250, 115
Decimal	15006301
CIELab	94.17, -27.33, 70.29
CIELCh	94, 75.416, 111.247
Yxy	85.6560, 0.3848, 0.4836
Android (android.graphics.Color)	4293196381 (0xFFE4FA5D)
YUV	225.5240, -65.3343, 2.1715
Hunter-Lab	92.5505, -30.5242, 49.8503

Details

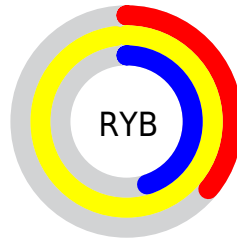
The YIQ color **225.5240, 37.2850, -53.4910** is a light color, and the websafe version is hex **FFFF66**. The color can be described as light muted yellow. A complement of this color would be **117.4760, -37.2850, 53.4910**, and the grayscale version is **226.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **242.9160, 34.0260, -32.9660**, and **167.8290, 37.7440, -56.3040** is the 20% darker color. If you saturate the color by 10%, you get **221.4780, 42.9260, -62.1140**, and if you desaturate by 10%, it is **229.2710, 31.0480, -45.0800**.

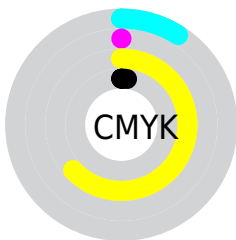
Distribution



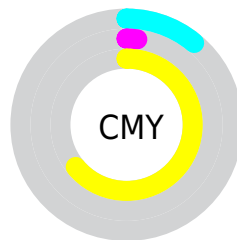
- Red (89%)
- Green (98%)
- Blue (36%)



- Red (36%)
- Yellow (98%)
- Blue (45%)



- Cyan (9%)
- Magenta (0%)
- Yellow (63%)
- Black (2%)



- Cyan (11%)
- Magenta (2%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 225.5240, 37.2850, -53.4910 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 225.5240, 37.2850, -53.4910 by changing the saturation by 10% instead.

225.5240, 37.2850,
-53.4910

225.5240, 37.2850,
-53.4910

255.0000, -0.0000,
-0.0000

196.2250, 36.6890,
-53.7030

243.0300, 33.7050,
-32.6550

167.8290, 37.7440,
-56.3040

246.2220, 24.7170,
-23.9470

139.6010, 38.3860,
-56.9260

249.5280, 15.4080,
-14.9280

115.9670, 28.8480,
-49.2640

252.8340, 6.0990,
-5.9090

92.9200, 19.0350,
-42.1250

70.1720, 9.8180,
-34.7740

47.4130, -0.8660,

-28.3700

■ 25.8280, -12.1000,
-23.0120

■ 13.5010, -6.3250,
-12.0290

■ 225.5240, 37.2850,
-53.4910

■ 225.5240, 37.2850,
-53.4910

■ 221.4780, 42.9260,
-62.1140

■ 229.2710, 31.0480,
-45.0800

■ 217.7310, 49.1630,
-70.5250

■ 233.3170, 25.4070,
-36.4570

■ 213.6850, 54.8040,
-79.1480

■ 237.3630, 19.7660,
-27.8340

■ 211.0350, 59.3900,
-85.1700

■ 241.1100, 13.5290,
-19.4230

245.1560, 7.8880,
-10.8000

248.9030, 1.6510,
-2.3890

251.4670, 0.1830,
2.1910

252.0650, 1.3750,
2.6150

Harmonies

Analogous

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



219.4120, 61.6280, -37.6040



225.5240, 37.2850, -53.4910



207.8470, -32.5880, -59.2120

Triad

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



225.5240, 37.2850, -53.4910



178.7550, -151.9800, -54.0600



208.0400, 22.0000, 41.8400

Complementary

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



225.5240, 37.2850, -53.4910



117.4760, -37.2850, 53.4910

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.



221.5410, 15.6750, 29.8110



225.5240, 37.2850, -53.4910



177.5810, -151.4300, -53.0140

Square

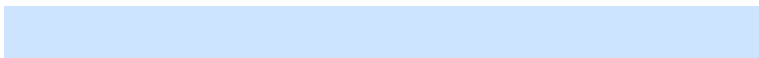
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



225.5240, 37.2850, -53.4910



178.7550, -151.9800, -54.0600



224.2010, -22.3750, 3.5210



201.8040, 42.3150, 20.5790

Rectangle

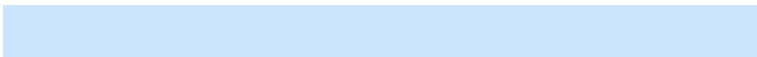
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



225.5240, 37.2850, -53.4910



171.2310, -130.7940, -74.5860



224.2010, -22.3750, 3.5210



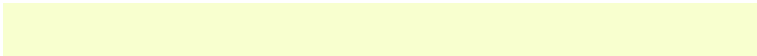
211.5620, 20.3500, 38.7020

Sweetspot

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



225.5240, 37.2850, -53.4910



247.4350, 11.2360, -16.4120



152.2700, 87.7970, 22.3010



123.0850, 6.6500, -10.3900



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.



225.5240, 37.2850, -53.4910



225.1530, 45.2190, -65.1250



202.5010, -8.6070, -69.8150



122.9200, 2.9810, -4.4670



159.3810, 44.5770, -64.5030



51.6540, 14.8130, -20.6670

Inverse Universe

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



117.4760, -37.2850, 53.4910



93.8470, -45.2190, 65.1250



140.4990, 8.6070, 69.8150



114.0800, -2.9810, 4.4670



29.6190, -44.5770, 64.5030



9.6450, -14.2170, 20.8790

Previews

White Background



This preview shows how the YIQ color 225.5240, 37.2850, -53.4910 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 225.5240, 37.2850, -53.4910 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 225.5240, 37.2850, -53.4910

Background



This preview shows how black text looks on a background with the YIQ color 225.5240, 37.2850, -53.4910.



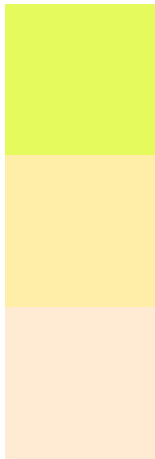
This preview shows how white text looks on a background with the YIQ color 225.5240, 37.2850, -53.4910.

-53.4910.

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

225.5240, 37.2850, -53.4910

Protanopia

235.1030, 32.6020, -18.1660

Deuteranopia

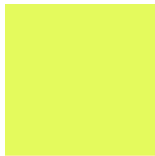
238.2440, 19.6240, -3.2240



Tritanopia

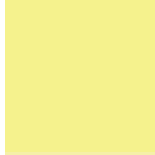
239.1560, -0.1390, 8.0290

Trichromacy



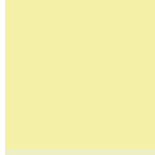
Original Color

225.5240, 37.2850, -53.4910



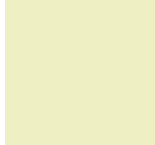
Protanomaly

231.3830, 34.2090, -30.7750



Deuteranomaly

233.2870, 26.0920, -21.3320



Tritanomaly

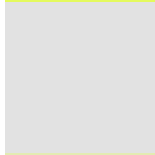
234.2720, 13.2530, -14.4190

Monochromacy



Original Color

225.5240, 37.2850, -53.4910



Achromatopsia

226.0000, -0.0000, 0.0000



Achromatomaly

226.1100, 13.5290, -19.4230

CSS Examples

Text

The CSS property to change the color of the text to YIQ 225.5240, 37.2850, -53.4910 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(228, 250, 93)` looks like.

```
.text, #text, p{  
    color:rgb(228, 250, 93)  
}
```

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(228, 250, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 250, 93) }
```

Border

The CSS property to change the border of an element to YIQ 225.5240, 37.2850, -53.4910 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(228, 250, 93) }
```


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

```
.border{ border-color:rgb(228, 250, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 250, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 250, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 250, 93);  
box-shadow:4px 4px 4px 4px rgb(228, 250,  
93) }
```

Background

The CSS property to change the background color of an element to YIQ 225.5240, 37.2850, -53.4910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 250, 93) }
```

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

```
.background{ background-color: rgb(228,  
250, 93) }
```

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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