

Converting Colors

YIQ(216.2540, 54.9400,
-70.5960)

Have a look what the booklet for
YIQ(216.2540, 54.9400, -70.5960)
contains.

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Color

**YIQ(216.2540, 54.9400,
-70.5960)**

Conversions

Conversions Part 1

Format	Color
Hex	E1F723
RGB	225, 247, 35
RGB Percent	88%, 97%, 14%
CMY	0.1178, 0.0313, 0.8623
CMYK	0.09, 0.00, 0.86, 0.03
HSL	66°, 93%, 55%
HSV	66°, 86%, 97%
XYZ	64.6049, 82.6488, 14.1455
YIQ	216.2540, 54.9400, -70.5960

Conversions

Conversions Part 2

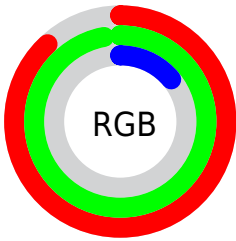
Format	Color
R_{YB}	35, 247, 57
Decimal	14808867
CIE _{Lab}	92.86, -29.60, 86.40
CIE _{LCh}	93, 91.328, 108.914
Yxy	82.6488, 0.4003, 0.5121
Android (android.graphics.Color)	4292998947 (0xFFE1F723)
YUV	216.2540, -89.3582, 7.6702
Hunter-Lab	90.9114, -32.2463, 54.4127

Details

The YIQ color **216.2540, 54.9400, -70.5960** is a light color, and the websafe version is hex **FFFF33**. The color can be described as light washed yellow. A complement of this color would be **65.7460, -54.9400, 70.5960**, and the grayscale version is **217.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **237.9000, 48.1500, -46.6500**, and **161.4520, 45.8150, -64.9130** is the 20% darker color. If you saturate the color by 10%, you get **212.5070, 61.1770, -79.0070**, and if you desaturate by 10%, it is **220.0010, 48.7030, -62.1850**.

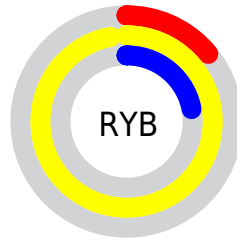
Distribution



Red (88%)

Green (97%)

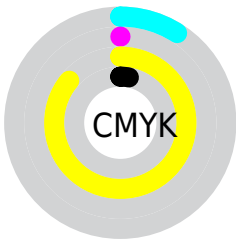
Blue (14%)



Red (14%)

Yellow (97%)

Blue (22%)

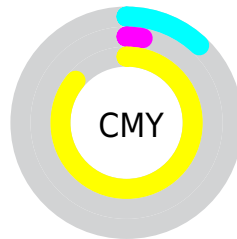


Cyan (9%)

Magenta (0%)

Yellow (86%)

Black (3%)



Cyan (12%)


Magenta (3%)


Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 216.2540, 54.9400, -70.5960 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 216.2540, 54.9400, -70.5960 by changing the saturation by 10% instead.

 216.2540, 54.9400,
-70.5960


 216.2540, 54.9400,
-70.5960


255.0000, -0.0000,
-0.0000

 186.8580, 55.9950,
-73.1970


 237.9000, 48.1500,
-46.6500


 161.4520, 45.8150,
-64.9130


 241.3200, 38.5200,
-37.3200

 136.9320, 35.9560,
-56.9400

 244.7400, 28.8900,
-27.9900

 112.4120, 26.0970,
-48.9670

 248.1600, 19.2600,
-18.6600

 89.0660, 15.6880,
-42.0400

 251.5800, 9.6300,
-9.3300

 66.3070, 5.0040,
-35.6360

 43.5480, -5.6800,

-29.2320

■ 24.6540, -11.5500,
-21.9660

■ 10.5660, -4.9500,
-9.4140

■ 216.2540, 54.9400,
-70.5960

■ 216.2540, 54.9400,
-70.5960

■ 212.5070, 61.1770,
-79.0070

■ 220.0010, 48.7030,
-62.1850

■ 211.0680, 63.7910,
-82.3290

■ 223.4490, 41.8700,
-53.9860

■ 227.0820, 35.9540,
-45.8860

■ 230.5300, 29.1210,
-37.6870

■ 234.2770, 22.8840,
-29.2760

■ 237.6110, 16.3720,
-21.3880

■ 241.3580, 10.1350,
-12.9770

■ 245.1050, 3.8980,
-4.5660

■ 248.2110, -1.9720,
2.7000

Harmonies

Analogous

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



208.6740, 80.8410, -49.9030



216.2540, 54.9400, -70.5960



196.7240, -37.2160, -74.4640

Triad

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



216.2540, 54.9400, -70.5960



178.7550, -151.9800, -54.0600



194.5390, 28.3250, 53.8690

Complementary

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



216.2540, 54.9400, -70.5960



65.7460, -54.9400, 70.5960

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.



214.4970, 18.9750, 36.0870



216.2540, 54.9400, -70.5960



178.1680, -151.7050, -53.5370

Square

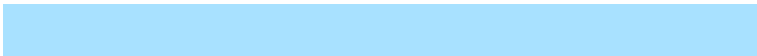
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



216.2540, 54.9400, -70.5960



178.7550, -151.9800, -54.0600



211.3770, -43.6020, -2.7540



185.7440, 51.7120, 32.0000

Rectangle

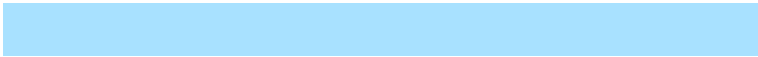
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



216.2540, 54.9400, -70.5960



168.8370, -124.0530, -81.1170



211.3770, -43.6020, -2.7540



199.8220, 25.8500, 49.1620

Sweetspot

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



216.2540, 54.9400, -70.5960



245.3830, 17.0140, -22.0100



110.7150, 120.5770, 33.9610



121.9450, 9.8600, -13.5000



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.



216.2540, 54.9400, -70.5960



217.8570, 65.7630, -85.0290



184.8590, -7.6400, -92.8560



120.3330, 3.2560, -3.9440



159.1150, 48.3820, -61.8740



50.4800, 15.3630, -19.6210

Inverse Universe

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



65.7460, -54.9400, 70.5960



37.1430, -65.7630, 85.0290



97.1410, 7.6400, 92.8560



111.6670, -3.2560, 3.9440



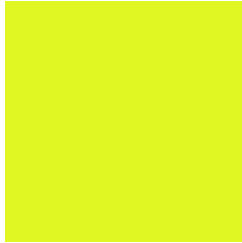
26.8850, -48.3820, 61.8740



8.5200, -15.3630, 19.6210

Previews

White Background



This preview shows how the YIQ color 216.2540, 54.9400, -70.5960 looks on a white background.

Color Contrast Check

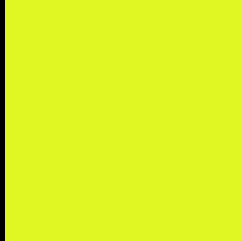
Large Text (above 18pt) WCAG AA × Fail

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 216.2540, 54.9400, -70.5960 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 216.2540, 54.9400, -70.5960

Background



This preview shows how black text looks on a background with the YIQ color 216.2540, 54.9400, -70.5960.



This preview shows how white text looks on a background with the YIQ color 216.2540, 54.9400, -70.5960.

-70.5960.

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

216.2540, 54.9400, -70.5960

Protanopia

229.4490, 43.0110, -25.0930

Deuteranopia

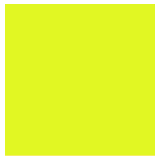
233.9410, 24.8510, -4.3410



Tritanopia

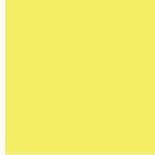
235.9390, 1.9700, 8.3540

Trichromacy



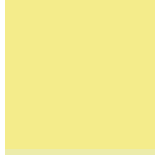
Original Color

216.2540, 54.9400, -70.5960



Protanomaly

224.7630, 47.2780, -41.8580



Deuteranomaly

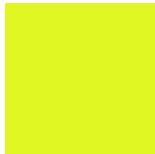
227.3340, 35.9050, -28.4710



Tritanomaly

228.5900, 20.8650, -20.2150

Monochromacy



Original Color

216.2540, 54.9400, -70.5960



Achromatopsia

216.0000, -0.0000, 0.0000



Achromatomaly

215.8300, 19.9490, -25.6430

CSS Examples

Text

The CSS property to change the color of the text to YIQ 216.2540, 54.9400, -70.5960 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(225, 247, 35)` looks like.

```
.text, #text, p{  
    color:rgb(225, 247, 35)  
}
```

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(225, 247, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 247, 35) }
```

Border

The CSS property to change the border of an element to YIQ 216.2540, 54.9400, -70.5960 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(225, 247, 35) }
```


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

```
.border{ border-color:rgb(225, 247, 35) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 247, 35)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 247, 35); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 247, 35);  
box-shadow:4px 4px 4px 4px rgb(225, 247,  
35) }
```

Background

The CSS property to change the background color of an element to YIQ 216.2540, 54.9400, -70.5960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 247, 35) }
```

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

```
.background{ background-color: rgb(225,  
247, 35) }
```

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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