

Converting Colors

YIQ(225.3710, 67.7320,
-71.1480)

Have a look what the booklet for
YIQ(225.3710, 67.7320, -71.1480)
contains.

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Color

**YIQ(225.3710, 67.7320,
-71.1480)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | F6FD1D |
| RGB | 246, 253, 29 |
| RGB Percent | 96%, 99%, 11% |
| CMY | 0.0355, 0.0078, 0.8858 |
| CMYK | 0.03, 0.00, 0.88, 0.01 |
| HSL | 62°, 98%, 55% |
| HSV | 62°, 88%, 99% |
| XYZ | 73.3413, 89.9269, 14.6619 |
| YIQ | 225.3710, 67.7320, -71.1480 |

Conversions

Conversions Part 2

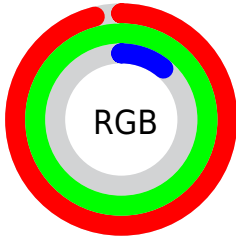
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 29, 253, 36 |
| Decimal | 16186653 |
| CIELab | 95.97, -24.01, 90.53 |
| CIELCh | 96, 93.663, 104.852 |
| Yxy | 89.9269, 0.4122, 0.5054 |
| Android (android.graphics.Color) | 4294376733 (0xFFF6FD1D) |
| YUV | 225.3710, -96.8109, 18.0916 |
| Hunter-Lab | 94.8298, -27.9005, 57.2139 |

Details

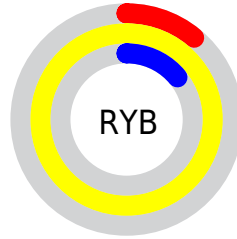
The YIQ color **225.3710, 67.7320, -71.1480** is a light color, and the websafe version is hex **FFFF33**. The color can be described as light washed yellow. A complement of this color would be **56.6290, -67.7320, 71.1480**, and the grayscale version is **226.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **237.7860, 48.4710, -46.9610**, and **170.9540, 56.0850, -63.8110** is the 20% darker color. If you saturate the color by 10%, you get **222.2220, 75.1610, -79.1350**, and if you desaturate by 10%, it is **228.5200, 60.3030, -63.1610**.

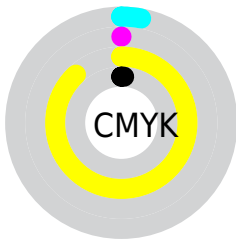
Distribution



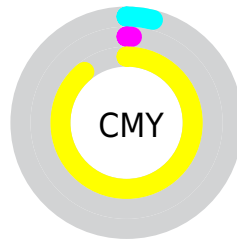
- Red (96%)
- Green (99%)
- Blue (11%)



- Red (11%)
- Yellow (99%)
- Blue (14%)



- Cyan (3%)
- Magenta (0%)
- Yellow (88%)
- Black (1%)



- Cyan (4%)
- Magenta (1%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 225.3710, 67.7320, -71.1480 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 225.3710, 67.7320, -71.1480 by changing the saturation by 10% instead.

225.3710, 67.7320,
-71.1480

225.3710, 67.7320,
-71.1480

255.0000, -0.0000,
-0.0000

195.7730, 66.5400,
-71.5720

237.7860, 48.4710,
-46.9610

170.9540, 56.0850,
-63.8110

241.2060, 38.8410,
-37.6310

146.1350, 45.6300,
-56.0500

244.6260, 29.2110,
-28.3010

121.6150, 35.7710,
-48.0770

248.0460, 19.5810,
-18.9710

98.2690, 25.3620,
-41.1500

251.4660, 9.9510,
-9.6410

75.2220, 15.5490,
-34.0110

53.3490, 5.1860,

-27.9180

■ 31.4760, -5.1770,
-21.8250

■ 17.0230, -7.9750,
-15.1670

■ 225.3710, 67.7320,
-71.1480

■ 225.3710, 67.7320,
-71.1480

■ 222.2220, 75.1610,
-79.1350

■ 228.5200, 60.3030,
-63.1610

■ 221.7660, 76.4450,
-80.3790

■ 231.7830, 52.5530,
-54.8630

■ 234.6330, 44.5280,
-47.0880

■ 237.7820, 37.0990,
-39.1010

■ 241.0450, 29.3490,
-30.8030

■ 244.1940, 21.9200,
-22.8160

■ 247.3430, 14.4910,
-14.8290

■ 250.3070, 6.1450,
-6.7430

■ 253.2280, -0.6420,
0.6220

Harmonies

Analogous

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



211.8030, 76.1640, -47.7400



225.3710, 67.7320, -71.1480



203.4010, -20.0690, -71.3410

Triad

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



225.3710, 67.7320, -71.1480



178.7550, -151.9800, -54.0600



199.8220, 25.8500, 49.1620

Complementary

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



225.3710, 67.7320, -71.1480



56.6290, -67.7320, 71.1480

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.



222.1280, 15.4000, 29.2880



225.3710, 67.7320, -71.1480



178.7550, -151.9800, -54.0600

Square

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



225.3710, 67.7320, -71.1480



178.7550, -151.9800, -54.0600



211.5330, -62.0770, -14.8530



190.2580, 44.5130, 35.8170

Rectangle

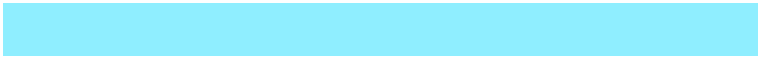
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



225.3710, 67.7320, -71.1480



168.1530, -122.1270, -82.9830



211.5330, -62.0770, -14.8530



206.2790, 22.8250, 43.4090

Sweetspot

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



225.3710, 67.7320, -71.1480



246.5360, 20.9570, -21.8830



98.3240, 132.4040, 45.3960



122.7280, 11.9690, -13.1750



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.



225.3710, 67.7320, -71.1480



223.5380, 77.0870, -81.0010



192.7800, 2.7680, -94.2560



126.2190, 3.5770, -4.2550



167.4320, 57.7350, -60.6730



56.1060, 19.3520, -20.3280

Inverse Universe

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



56.6290, -67.7320, 71.1480



31.4620, -77.0870, 81.0010



89.2200, -2.7680, 94.2560



116.4820, -4.1730, 4.0430



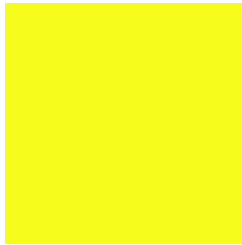
23.5680, -57.7350, 60.6730



7.8940, -19.3520, 20.3280

Previews

White Background



This preview shows how the YIQ color 225.3710, 67.7320, -71.1480 looks on a white background.

Color Contrast Check

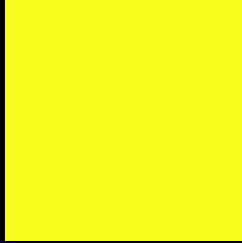
Large Text (above 18pt) WCAG AA × Fail

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 225.3710, 67.7320, -71.1480 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 225.3710, 67.7320, -71.1480

Background



This preview shows how black text looks on a background with the YIQ color 225.3710, 67.7320, -71.1480.



This preview shows how white text looks on a background with the YIQ color 225.3710, 67.7320, -71.1480.

-71.1480.

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



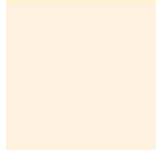
Original Color

225.3710, 67.7320, -71.1480



Protanopia

241.4580, 21.5970, -11.4510



Deuteranopia

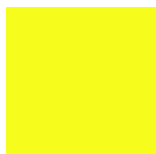
243.2480, 13.8010, -2.3190



Tritanopia

244.9240, 6.3260, 6.5020

Trichromacy



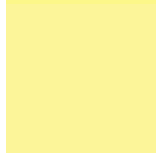
Original Color

225.3710, 67.7320, -71.1480



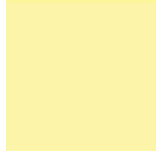
Protanomaly

235.9550, 38.2900, -33.1500



Deuteranomaly

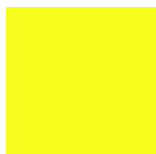
236.6050, 33.7040, -27.1280



Tritanomaly

237.8420, 28.8430, -21.6290

Monochromacy



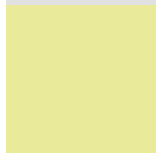
Original Color

225.3710, 67.7320, -71.1480



Achromatopsia

225.0000, -0.0000, -0.0000



Achromatomaly

225.1680, 24.8090, -25.6150

CSS Examples

Text

The CSS property to change the color of the text to YIQ 225.3710, 67.7320, -71.1480 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(246, 253, 29)` looks like.

```
.text, #text, p{  
    color:rgb(246, 253, 29)  
}
```

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(246, 253, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 253, 29) }
```

Border

The CSS property to change the border of an element to YIQ 225.3710, 67.7320, -71.1480 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(246, 253, 29) }
```


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

```
.border{ border-color:rgb(246, 253, 29) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 253, 29)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 253, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 253, 29);  
box-shadow:4px 4px 4px 4px rgb(246, 253,  
29) }
```

Background

The CSS property to change the background color of an element to YIQ 225.3710, 67.7320, -71.1480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 253, 29) }
```

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

```
.background{ background-color: rgb(246,  
253, 29) }
```

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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