

Converting Colors

YIQ(212.7390, 11.1540,
-70.0140)

Have a look what the booklet for
YIQ(212.7390, 11.1540, -70.0140)
contains.

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Color

**YIQ(212.7390, 11.1540,
-70.0140)**

Conversions

Conversions Part 1

Format	Color
Hex	B4FF51
RGB	180, 255, 81
RGB Percent	71%, 100%, 32%
CMY	0.2944, 0.0000, 0.6822
CMYK	0.29, 0.00, 0.68, 0.00
HSL	86°, 100%, 66%
HSV	86°, 68%, 100%
XYZ	56.0523, 81.8093, 20.6301
YIQ	212.7390, 11.1540, -70.0140

Conversions

Conversions Part 2

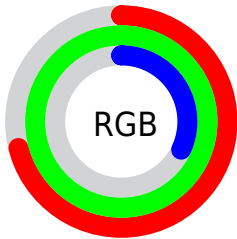
Format	Color
RYB	81, 255, 156
Decimal	11861841
CIELab	92.49, -48.34, 72.18
CIElCh	92, 86.871, 123.807
Yxy	81.8093, 0.3537, 0.5162
Android (android.graphics.Color)	4290051921 (0xFFB4FF51)
YUV	212.7390, -64.9473, -28.7121
Hunter-Lab	90.4485, -47.6657, 49.7907

Details

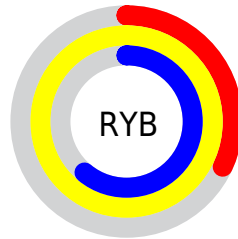
The YIQ color **212.7390, 11.1540, -70.0140** is a light color, and the websafe version is hex **CCFF66**. The color can be described as light muted chartreuse. A complement of this color would be **123.2610, -11.1540, 70.0140**, and the grayscale version is **213.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **237.2910, 28.2960, -39.2560**, and **152.7040, 18.2620, -77.6900** is the 20% darker color. If you saturate the color by 10%, you get **206.6000, 12.6230, -80.1210**, and if you desaturate by 10%, it is **218.9920, 9.3640, -59.5960**.

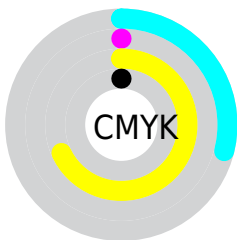
Distribution



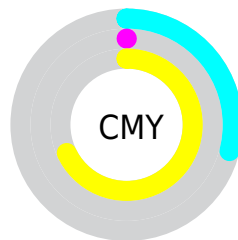
- Red (71%)
- Green (100%)
- Blue (32%)



- Red (32%)
- Yellow (100%)
- Blue (61%)



- Cyan (29%)
- Magenta (0%)
- Yellow (68%)
- Black (0%)



- Cyan (29%)
- Magenta (0%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 212.7390, 11.1540, -70.0140 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 212.7390, 11.1540, -70.0140 by changing the saturation by 10% instead.

212.7390, 11.1540,
-70.0140

212.7390, 11.1540,
-70.0140

255.0000, -0.0000,
-0.0000

183.5110, 11.7960,
-70.6360

237.2910, 28.2960,
-39.2560

152.7040, 18.2620,
-77.6900

244.9680, 28.2480,
-27.3680

127.2980, 8.0820,
-69.4060

248.2740, 18.9390,
-18.3490

102.4790, -2.3730,
-61.6450

251.6940, 9.3090,
-9.0190

76.7520, -16.0830,
-55.4670

54.0040, -25.3000,
-48.1160

39.3290, -18.4250,

-35.0410

■ 26.4150, -12.3750,
-23.5350

■ 9.3920, -4.4000,
-8.3680

■ 212.7390, 11.1540,
-70.0140

■ 212.7390, 11.1540,
-70.0140

■ 206.6000, 12.6230,
-80.1210

■ 218.9920, 9.3640,
-59.5960

■ 200.3470, 14.4130,
-90.5390

■ 225.1310, 7.8950,
-49.4890

■ 194.2080, 15.8820,
-100.6460

■ 231.3840, 6.1050,
-39.0710

■ 193.0400, 16.2950,
-102.6250

■ 237.5230, 4.6360,
-28.9640

■ 243.7760, 2.8460,
-18.5460

■ 249.9150, 1.3770,
-8.4390

255.0000, -0.0000,
-0.0000

Harmonies

Analogous

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



217.4620, 75.3860, -55.6700



212.7390, 11.1540, -70.0140



167.4690, -120.2010, -84.8490

Triad

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



212.7390, 11.1540, -70.0140



178.7550, -151.9800, -54.0600



191.2330, 37.6340, 44.8500

Complementary

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



212.7390, 11.1540, -70.0140



123.2610, -11.1540, 70.0140

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.



205.1050, 23.3750, 44.4550



212.7390, 11.1540, -70.0140



169.9500, -147.8550, -46.2150

Square

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



212.7390, 11.1540, -70.0140



178.7550, -151.9800, -54.0600



225.0300, 9.6240, 23.8320



191.3910, 59.2350, 11.2910

Rectangle

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



212.7390, 11.1540, -70.0140



173.9670, -138.4980, -67.1220



225.0300, 9.6240, 23.8320



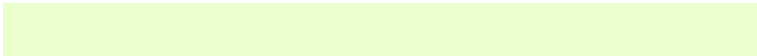
195.5990, 28.0960, 52.5120

Sweetspot

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



212.7390, 11.1540, -70.0140



242.6080, 3.2590, -20.5250



175.8770, 83.6290, -1.2910



120.2800, 1.6070, -12.6090



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.



212.7390, 11.1540, -70.0140



204.2640, 13.4490, -84.0790



187.6230, -38.9100, -87.8220



124.7240, 0.5970, -5.3150



144.7080, 12.4390, -76.7850



48.3320, 3.8560, -25.8400

Inverse Universe

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



123.2610, -11.1540, 70.0140



96.7360, -13.4490, 84.0790



148.6760, 39.5060, 88.0340



117.9770, -1.1930, 5.1030



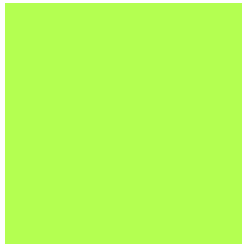
46.5910, -11.8430, 76.9970



15.6680, -3.8560, 25.8400

Previews

White Background



This preview shows how the YIQ color 212.7390, 11.1540, -70.0140 looks on a white background.

Color Contrast Check

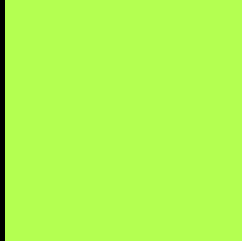
Large Text (above 18pt) WCAG AA × Fail

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 212.7390, 11.1540, -70.0140 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

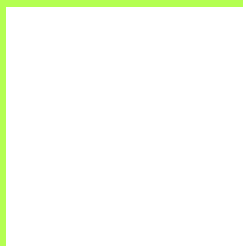
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 212.7390, 11.1540, -70.0140

Background



This preview shows how black text looks on a background with the YIQ color 212.7390, 11.1540, -70.0140.



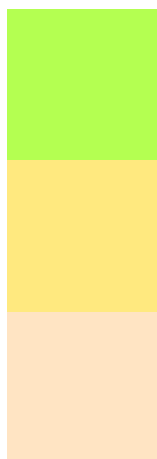
This preview shows how white text looks on a background with the YIQ color 212.7390, 11.1540, -70.0140.

-70.0140.

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

212.7390, 11.1540, -70.0140

Protanopia

227.4940, 47.1380, -28.3020

Deuteranopia

232.3110, 26.6850, -4.5390



Tritanopia

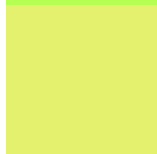
230.3700, -24.5290, -1.4970

Trichromacy



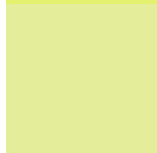
Original Color

212.7390, 11.1540, -70.0140



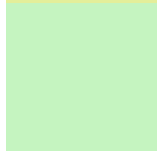
Protanomaly

222.1790, 34.3030, -43.4970



Deuteranomaly

225.4340, 21.0040, -28.2440



Tritanomaly

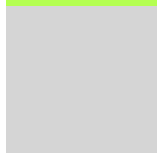
224.0190, -11.3200, -26.1360

Monochromacy



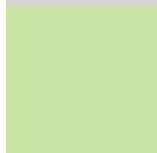
Original Color

212.7390, 11.1540, -70.0140



Achromatopsia

213.0000, -0.0000, 0.0000



Achromatomaly

212.7450, 4.1310, -25.3170

CSS Examples

Text

The CSS property to change the color of the text to YIQ 212.7390, 11.1540, -70.0140 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(180, 255, 81)` looks like.

```
.text, #text, p{  
    color:rgb(180, 255, 81)  
}
```

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(180, 255, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 255, 81) }
```

Border

The CSS property to change the border of an element to YIQ 212.7390, 11.1540, -70.0140 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(180, 255, 81) }
```


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

```
.border{ border-color:rgb(180, 255, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 255, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 255, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 255, 81);  
box-shadow:4px 4px 4px 4px rgb(180, 255,  
81) }
```

Background

The CSS property to change the background color of an element to YIQ 212.7390, 11.1540, -70.0140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 255, 81) }
```

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

```
.background{ background-color: rgb(180,  
255, 81) }
```

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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