

Converting Colors

YIQ(211.0440, 11.6130,
-72.8270)

Have a look what the booklet for
YIQ(211.0440, 11.6130, -72.8270)
contains.

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Color

**YIQ(211.0440, 11.6130,
-72.8270)**

Conversions

Conversions Part 1

Format	Color
Hex	B1FF4A
RGB	177, 255, 74
RGB Percent	69%, 100%, 29%
CMY	0.3062, 0.0000, 0.7096
CMYK	0.31, 0.00, 0.71, 0.00
HSL	86°, 100%, 65%
HSV	86°, 71%, 100%
XYZ	55.1118, 81.3532, 19.2850
YIQ	211.0440, 11.6130, -72.8270

Conversions

Conversions Part 2

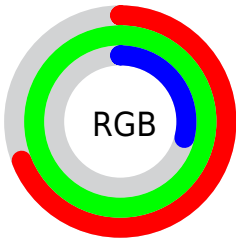
Format	Color
RYB	74, 255, 152
Decimal	11665226
CIELab	92.29, -49.82, 74.39
CIELCh	92, 89.530, 123.814
Yxy	81.3532, 0.3538, 0.5223
Android (android.graphics.Color)	4289855306 (0xFFB1FF4A)
YUV	211.0440, -67.5627, -29.8566
Hunter-Lab	90.1960, -48.7756, 50.4603

Details

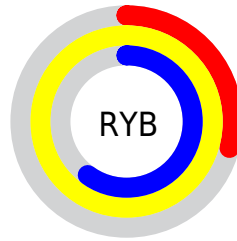
The YIQ color **211.0440, 11.6130, -72.8270** is a light color, and the websafe version is hex **99FF33**. The color can be described as light washed chartreuse. A complement of this color would be **117.9560, -11.6130, 72.8270**, and the grayscale version is **212.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **235.7100, 28.4340, -41.7580**, and **151.5080, 15.8780, -78.5380** is the 20% darker color. If you saturate the color by 10%, you get **204.9050, 13.0820, -82.9340**, and if you desaturate by 10%, it is **217.2970, 9.8230, -62.4090**.

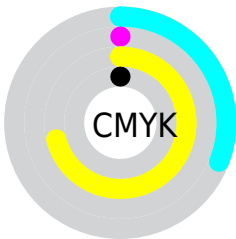
Distribution



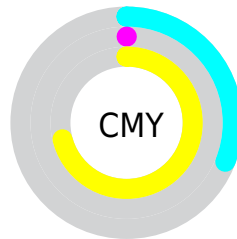
- Red (69%)
- Green (100%)
- Blue (29%)



- Red (29%)
- Yellow (100%)
- Blue (60%)



- Cyan (31%)
- Magenta (0%)
- Yellow (71%)
- Black (0%)



- Cyan (31%)
- Magenta (0%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 211.0440, 11.6130, -72.8270 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 211.0440, 11.6130, -72.8270 by changing the saturation by 10% instead.

211.0440, 11.6130,
-72.8270

211.0440, 11.6130,
-72.8270

255.0000, -0.0000,
-0.0000

181.1750, 12.6220,
-74.5940

235.7100, 28.4340,
-41.7580

151.5080, 15.8780,
-78.5380

244.2840, 30.1740,
-29.2340

126.1020, 5.6980,
-70.2540

247.5900, 20.8650,
-20.2150

100.9840, -5.3530,
-62.7050

251.0100, 11.2350,
-10.8850

74.3600, -20.8510,
-57.1630

254.4300, 1.6050,
-1.5550

54.0040, -25.3000,
-48.1160

39.3290, -18.4250,

-35.0410

■ 26.4150, -12.3750,
-23.5350

■ 8.8050, -4.1250,
-7.8450

■ 211.0440, 11.6130,
-72.8270

■ 211.0440, 11.6130,
-72.8270

■ 204.9050, 13.0820,
-82.9340

■ 217.2970, 9.8230,
-62.4090

■ 198.6520, 14.8720,
-93.3520

■ 223.4360, 8.3540,
-52.3020

■ 193.0400, 16.2950,
-102.6250

■ 229.6890, 6.5640,
-41.8840

■ 235.8280, 5.0950,
-31.7770

■ 242.0810, 3.3050,
-21.3590

■ 248.2200, 1.8360,
-11.2520

■ 254.4730, 0.0460,
-0.8340

■ 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.



215.0510, 80.7970, -60.1230



211.0440, 11.6130, -72.8270



167.1270, -119.2380, -85.7820

Triad

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



211.0440, 11.6130, -72.8270



178.7550, -151.9800, -54.0600



188.1840, 39.3300, 47.1540

Complementary

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



211.0440, 11.6130, -72.8270



117.9560, -11.6130, 72.8270

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.



203.3440, 24.2000, 46.0240



211.0440, 11.6130, -72.8270



169.3630, -147.5800, -45.6920

Square

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



211.0440, 11.6130, -72.8270



178.7550, -151.9800, -54.0600



223.5570, 9.5780, 24.6660



188.7010, 61.2980, 12.4500

Rectangle

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



211.0440, 11.6130, -72.8270



173.8530, -138.1770, -67.4330



223.5570, 9.5780, 24.6660



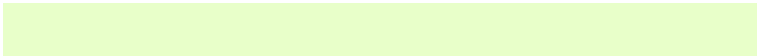
193.3650, 28.8750, 54.9150

Sweetspot

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



211.0440, 11.6130, -72.8270



241.9670, 3.6260, -21.6700



172.1440, 87.2510, -0.8530



120.1660, 1.9280, -12.9200



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.



211.0440, 11.6130, -72.8270



202.1560, 13.6330, -87.4150



184.7320, -40.8350, -91.4830



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.



117.9560, -11.6130, 72.8270



90.8440, -13.6330, 87.4150



144.2680, 40.8350, 91.4830



117.9770, -1.1930, 5.1030



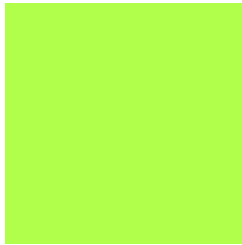
46.5910, -11.8430, 76.9970



15.6680, -3.8560, 25.8400

Previews

White Background



This preview shows how the YIQ color 211.0440, 11.6130, -72.8270 looks on a white background.

Color Contrast Check

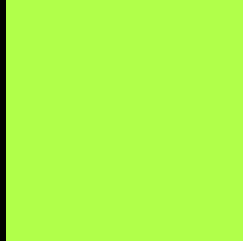
Large Text (above 18pt) WCAG AA × Fail

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 211.0440, 11.6130, -72.8270 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 211.0440, 11.6130, -72.8270

Background



This preview shows how black text looks on a background with the YIQ color 211.0440, 11.6130, -72.8270.



This preview shows how white text looks on a background with the YIQ color 211.0440, 11.6130,

-72.8270.

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

211.0440, 11.6130, -72.8270

Protanopia

226.2230, 49.3390, -29.6450

Deuteranopia

232.0830, 27.3270, -5.1610



Tritanopia

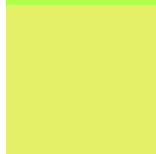
229.4730, -26.3170, -2.1330

Trichromacy



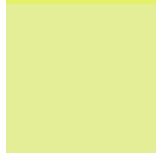
Original Color

211.0440, 11.6130, -72.8270



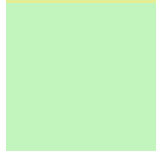
Protanomaly

220.6090, 35.9080, -45.0520



Deuteranomaly

224.6790, 21.6920, -29.7000



Tritanomaly

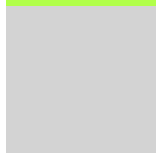
222.7800, -12.1450, -27.7050

Monochromacy



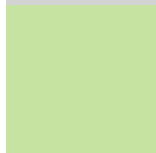
Original Color

211.0440, 11.6130, -72.8270



Achromatopsia

211.0000, 0.0000, -0.0000



Achromatomaly

211.1040, 4.4980, -26.4620

CSS Examples

Text

The CSS property to change the color of the text to YIQ 211.0440, 11.6130, -72.8270 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(177, 255, 74)` looks like.

```
.text, #text, p{  
    color:rgb(177, 255, 74)  
}
```

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(177, 255, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 255, 74) }
```

Border

The CSS property to change the border of an element to YIQ 211.0440, 11.6130, -72.8270 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(177, 255, 74) }
```


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

```
.border{ border-color:rgb(177, 255, 74) }
```

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

Here you see how a box with a 4 pixel rgb(177, 255, 74) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 255, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 255, 74);  
box-shadow:4px 4px 4px 4px rgb(177, 255,  
74) }
```

Background

The CSS property to change the background color of an element to YIQ 211.0440, 11.6130, -72.8270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 255, 74) }
```

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

```
.background{ background-color: rgb(177,  
255, 74) }
```

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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