

Converting Colors

YIQ(169.7070, -21.3510,
-81.1510)

Have a look what the booklet for
YIQ(169.7070, -21.3510, -81.1510)
contains.

YIQ(169.7070, -21.3510, -81.1510)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(169.7070, -21.3510,
-81.1510)**

Conversions

Conversions Part 1

Format	Color
Hex	63E437
RGB	99, 228, 55
RGB Percent	39%, 89%, 22%
CMY	0.6122, 0.1057, 0.7842
CMYK	0.57, 0.00, 0.76, 0.11
HSL	105°, 76%, 56%
HSV	105°, 76%, 89%
XYZ	33.5821, 58.4390, 13.1259
YIQ	169.7070, -21.3510, -81.1510

Conversions

Conversions Part 2

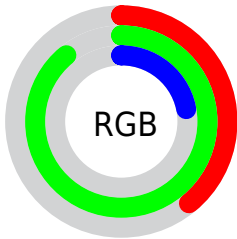
Format	Color
RYB	55, 228, 184
Decimal	6546487
CIELab	80.98, -64.55, 68.41
CIELCh	81, 94.058, 133.337
Yxy	58.4390, 0.3194, 0.5558
Android (android.graphics.Color)	4284736567 (0xFF63E437)
YUV	169.7070, -56.5506, -62.0100
Hunter-Lab	76.4454, -55.3653, 43.3315

Details

The YIQ color **169.7070, -21.3510, -81.1510** is a dark color, and the websafe version is hex **33CC00**. The color can be described as dark washed chartreuse. A complement of this color would be **113.2930, 21.3510, 81.1510**, and the grayscale version is **170.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **210.8200, -10.7630, -63.7790**, and **103.6660, -40.4690, -87.1010** is the 20% darker color. If you saturate the color by 10%, you get **162.0020, -24.1000, -91.9080**, and if you desaturate by 10%, it is **177.4120, -18.6020, -70.3940**.

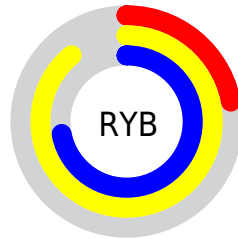
Distribution



Red (39%)

Green (89%)

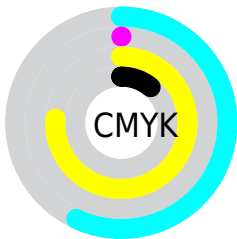
Blue (22%)



Red (22%)

Yellow (89%)

Blue (72%)

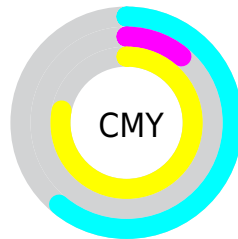


Cyan (57%)

Magenta (0%)

Yellow (76%)

Black (11%)



Cyan (61%)

Magenta (11%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 169.7070, -21.3510, -81.1510 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 169.7070, -21.3510, -81.1510 by changing the saturation by 10% instead.

■ 169.7070,
-21.3510, -81.1510

■ 169.7070,
-21.3510, -81.1510

■ 255.0000, -0.0000,
-0.0000

■ 137.6590,
-21.3960, -85.8440

■ 210.8200,
-10.7630, -63.7790

■ 103.3670,
-41.0650, -87.3130

■ 223.2810, -1.2750,
-48.4990

■ 84.5280, -39.6000,
-75.3120

■ 235.5570, 7.2960,
-33.1200

■ 68.6790, -32.1750,
-61.1910

■ 248.0180, 16.7840,
-17.8400

■ 53.4170, -25.0250,
-47.5930

■ 252.0360, 8.3460,
-8.0860

■ 38.7420, -18.1500,
-34.5180

■ 24.6540, -11.5500,

-21.9660

■ 4.1090, -1.9250,
-3.6610

■ 0.0000, 0.0000,
0.0000

■ 169.7070,
-21.3510, -81.1510

■ 169.7070,
-21.3510, -81.1510

■ 162.0020,
-24.1000, -91.9080

■ 177.4120,
-18.6020, -70.3940


■ 154.2970,
-26.8490, -102.6650

■ 185.1170,
-15.8530, -59.6370

■ 151.1780,
-28.1320, -106.9480


■ 192.7080,
-12.7830, -49.1910

■ 200.4130,
-10.0340, -38.4340

 208.1180, -7.2850,
-27.6770

 215.8230, -4.5360,
-16.9200

 223.5280, -1.7870,
-6.1630

 231.1190, 1.2830,
4.2830

 238.2540, 5.6370,
13.4850

Harmonies

Analogous

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



183.6790, 64.1090, -66.0590



169.7070, -21.3510, -81.1510



156.4640, -112.6370, -78.7570

Triad

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



169.7070, -21.3510, -81.1510



161.1450, -143.7300, -38.3700



156.2170, 70.0940, 51.2940

Complementary

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



169.7070, -21.3510, -81.1510



113.2930, 21.3510, 81.1510

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.



172.7060, 38.8210, 72.9090



169.7070, -21.3510, -81.1510



157.2560, -112.4650, -15.7690

Square

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



169.7070, -21.3510, -81.1510



168.7760, -147.3050, -45.1690



197.4630, 25.4830, 50.3070



166.5990, 87.7080, 7.3880

Rectangle

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



169.7070, -21.3510, -81.1510



164.7060, -133.0890, -60.5210



197.4630, 25.4830, 50.3070



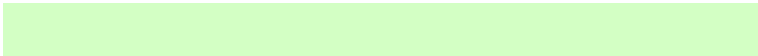
158.3490, 61.3350, 61.3590

Sweetspot

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



169.7070, -21.3510, -81.1510



235.1180, -7.2850, -27.6770



181.2760, 68.1830, -29.7450



115.8230, -4.5360, -16.9200



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.



169.7070, -21.3510, -81.1510



176.8250, -28.6360, -108.8280



161.1110, -60.4150, -78.0390



110.9410, -1.5120, -5.6400



118.5280, -22.4050, -84.0770



33.8240, -6.2770, -23.9170

Inverse Universe

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



113.2930, 21.3510, 81.1510



101.1750, 28.6360, 108.8280



121.8890, 60.4150, 78.0390



107.0590, 1.5120, 5.6400



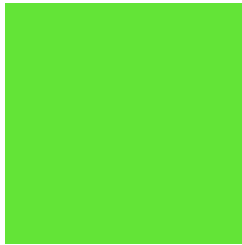
60.1730, 21.8090, 83.8650



17.1760, 6.2770, 23.9170

Previews

White Background



This preview shows how the YIQ color 169.7070, -21.3510, -81.1510 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 169.7070, -21.3510, -81.1510 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

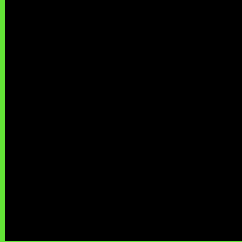
Any Text WCAG AA ✓ Pass

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 169.7070, -21.3510, -81.1510 Background



This preview shows how black text looks on a background with the YIQ color 169.7070, -21.3510, -81.1510.



This preview shows how white text looks on a background with the YIQ color 169.7070, -21.3510, -81.1510.

-81.1510.

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

169.7070, -21.3510, -81.1510

Protanopia

189.8480, 63.0960, -42.1840

Deuteranopia

193.4880, 73.6380, -23.9780



Tritanopia

190.7190, -53.7330, -11.8850

Trichromacy



Original Color

169.7070, -21.3510, -81.1510



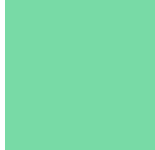
Protanomaly

182.6050, 32.5630, -56.0210



Deuteranomaly

184.5770, 38.9340, -44.8260



Tritanomaly

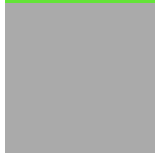
182.7700, -41.7160, -36.9480

Monochromacy



Original Color

169.7070, -21.3510, -81.1510



Achromatopsia

170.0000, -0.0000, 0.0000



Achromatomaly

169.7650, -7.7890, -29.5570

CSS Examples

Text

The CSS property to change the color of the text to YIQ 169.7070, -21.3510, -81.1510 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(99, 228, 55)` looks like.

```
.text, #text, p{  
    color:rgb(99, 228, 55)  
}
```

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(99, 228, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 228, 55) }
```

Border

The CSS property to change the border of an element to YIQ 169.7070, -21.3510, -81.1510 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(99, 228, 55) }
```


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

```
.border{ border-color:rgb(99, 228, 55) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 228, 55)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 228, 55); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 228, 55);  
box-shadow:4px 4px 4px 4px rgb(99, 228,  
55) }
```

Background

The CSS property to change the background color of an element to YIQ 169.7070, -21.3510, -81.1510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 228, 55) }
```

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

```
.background{ background-color: rgb(99, 228,  
55) }
```

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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