

Converting Colors

YIQ(141.3480, -21.7180,
-80.0060)

Have a look what the booklet for
YIQ(141.3480, -21.7180, -80.0060)
contains.

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Color

**YIQ(141.3480, -21.7180,
-80.0060)**

Conversions

Conversions Part 1

Format	Color
Hex	47C71D
RGB	71, 199, 29
RGB Percent	28%, 78%, 11%
CMY	0.7220, 0.2194, 0.8862
CMYK	0.64, 0.00, 0.85, 0.22
HSL	105°, 75%, 45%
HSV	105°, 85%, 78%
XYZ	23.2485, 42.2958, 8.1017
YIQ	141.3480, -21.7180, -80.0060

Conversions

Conversions Part 2

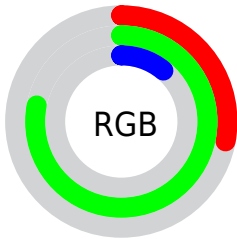
Format	Color
RYB	29, 199, 157
Decimal	4704029
CIELab	71.07, -62.62, 66.01
CIELCh	71, 90.988, 133.494
Yxy	42.2958, 0.3157, 0.5743
Android (android.graphics.Color)	4282894109 (0xFF47C71D)
YUV	141.3480, -55.3876, -61.6952
Hunter-Lab	65.0352, -50.0023, 38.1386

Details

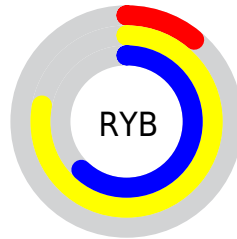
The YIQ color **141.3480, -21.7180, -80.0060** is a dark color, and the websafe version is hex **33CC33**. The color can be described as dark washed green. A complement of this color would be **86.6520, 21.7180, 80.0060**, and the grayscale version is **142.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **200.5380, -19.1970, -76.1330**, and **84.5280, -39.6000, -75.3120** is the 20% darker color. If you saturate the color by 10%, you get **134.5830, -24.2380, -89.4060**, and if you desaturate by 10%, it is **148.1130, -19.1980, -70.6060**.

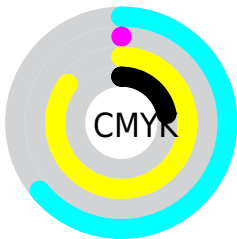
Distribution



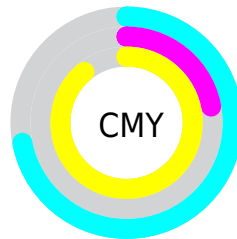
- Red (28%)
- Green (78%)
- Blue (11%)



- Red (11%)
- Yellow (78%)
- Blue (62%)



- Cyan (64%)
- Magenta (0%)
- Yellow (85%)
- Black (22%)



- Cyan (72%)
- Magenta (22%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 141.3480, -21.7180, -80.0060 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 141.3480, -21.7180, -80.0060 by changing the saturation by 10% instead.

■ 141.3480,
-21.7180, -80.0060

■ 141.3480,
-21.7180, -80.0060

■ 255.0000, -0.0000,
-0.0000

■ 108.7490,
-30.3370, -83.4970

■ 200.5380,
-19.1970, -76.1330

■ 84.5280, -39.6000,
-75.3120

■ 212.7000,
-10.3050, -61.0650

■ 68.6790, -32.1750,
-61.1910

■ 224.8620, -1.4130,
-45.9970

■ 53.4170, -25.0250,
-47.5930

■ 237.3230, 8.0750,
-30.7170

■ 38.7420, -18.1500,
-34.5180

■ 249.3000, 16.0500,
-15.5500

■ 25.2410, -11.8250,
-22.4890

■ 252.7200, 6.4200,

■ 4.1090, -1.9250,

-6.2200

-3.6610

■ 0.0000, 0.0000,
0.0000

■ 141.3480,
-21.7180, -80.0060

■ 141.3480,
-21.7180, -80.0060

■ 134.5830,
-24.2380, -89.4060

■ 148.1130,
-19.1980, -70.6060

■ 131.4640,
-25.5210, -93.6890

■ 154.8780,
-16.6780, -61.2060

■ 161.6430,
-14.1580, -51.8060

■ 168.4080,
-11.6380, -42.4060

■ 175.1730, -9.1180,
-33.0060

■ 181.8240, -6.2770,
-23.9170

■ 188.5890, -3.7570,
-14.5170

■ 195.3540, -1.2370,
-5.1170

■ 202.1190, 1.2830,
4.2830

Harmonies

Analogous

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



159.1590, 54.2500, -58.0860



141.3480, -21.7180, -80.0060



136.2320, -97.0040, -70.2200

Triad

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



141.3480, -21.7180, -80.0060



144.1220, -135.7550, -23.2030



136.2300, 86.4150, 58.3750

Complementary

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



141.3480, -21.7180, -80.0060



86.6520, 21.7180, 80.0060

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.



152.7360, 56.4720, 77.9120



141.3480, -21.7180, -80.0060



130.0340, -129.1550, -10.6510

Square

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



141.3480, -21.7180, -80.0060



151.1660, -139.0550, -29.4790



173.2310, 14.7530, 57.5450



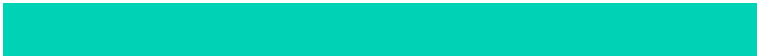
149.5300, 101.3240, 13.9320

Rectangle

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



141.3480, -21.7180, -80.0060



144.0180, -116.1720, -53.2280



173.2310, 14.7530, 57.5450



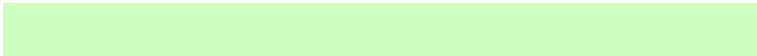
137.6610, 78.2520, 68.6520

Sweetspot

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



141.3480, -21.7180, -80.0060



232.5260, -8.6140, -31.1260



154.9660, 66.1200, -30.9040



114.4700, -5.0400, -18.8000



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.



141.3480, -21.7180, -80.0060



168.5220, -32.5770, -120.0090



133.6920, -60.5530, -75.5370



95.8810, -1.2830, -4.2830



107.6410, -20.9850, -76.7690



23.8230, -4.5360, -16.9200

Inverse Universe

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



86.6520, 21.7180, 80.0060



86.4780, 32.5770, 120.0090



94.4220, 60.2320, 75.8480



93.1190, 1.2830, 4.2830



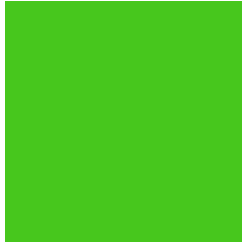
55.3590, 20.9850, 76.7690



12.1770, 4.5360, 16.9200

Previews

White Background



This preview shows how the YIQ color 141.3480, -21.7180, -80.0060 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 141.3480, -21.7180, -80.0060 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 141.3480, -21.7180, -80.0060 Background



This preview shows how black text looks on a background with the YIQ color 141.3480, -21.7180, -80.0060.



This preview shows how white text looks on a background with the YIQ color 141.3480, -21.7180, -80.0060.

-80.0060.

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

141.3480, -21.7180, -80.0060

Protanopia

162.2500, 61.9040, -42.6080

Deuteranopia

166.5520, 67.5860, -24.4300



Tritanopia

163.0890, -51.8990, -12.0830

Trichromacy



Original Color

141.3480, -21.7180, -80.0060



Protanomaly

154.4200, 31.6460, -55.9220



Deuteranomaly

157.4240, 34.9910, -44.9530



Tritanomaly

155.0690, -41.1200, -36.7360

Monochromacy



Original Color

141.3480, -21.7180, -80.0060



Achromatopsia

141.0000, -0.0000, -0.0000



Achromatomaly

141.1780, -7.5140, -29.0340

CSS Examples

Text

The CSS property to change the color of the text to YIQ 141.3480, -21.7180, -80.0060 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(71, 199, 29)` looks like.

```
.text, #text, p{  
    color:rgb(71, 199, 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(71, 199, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 199, 29) }
```

Border

The CSS property to change the border of an element to YIQ 141.3480, -21.7180, -80.0060 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(71, 199, 29) }
```


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

```
.border{ border-color:rgb(71, 199, 29) }
```

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

Here you see how a box with a 4 pixel rgb(71, 199, 29) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 199, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 199, 29);  
box-shadow:4px 4px 4px 4px rgb(71, 199,  
29) }
```

Background

The CSS property to change the background color of an element to YIQ 141.3480, -21.7180, -80.0060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 199, 29) }
```

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

```
.background{ background-color: rgb(71, 199,  
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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