

Converting Colors

YIQ(177.2340, -29.4240,
-61.4880)

Have a look what the booklet for
YIQ(177.2340, -29.4240, -61.4880)
contains.

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Color

**YIQ(177.2340, -29.4240,
-61.4880)**

Conversions

Conversions Part 1

Format	Color
Hex	6FE169
RGB	111, 225, 105
RGB Percent	44%, 88%, 41%
CMY	0.5650, 0.1174, 0.5882
CMYK	0.51, 0.00, 0.53, 0.12
HSL	117°, 67%, 65%
HSV	117°, 53%, 88%
XYZ	36.0320, 58.2698, 22.7111
YIQ	177.2340, -29.4240, -61.4880

Conversions

Conversions Part 2

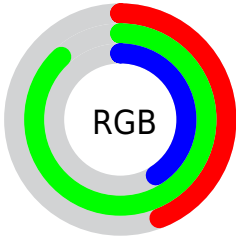
Format	Color
RYB	105, 225, 219
Decimal	7332201
CIELab	80.89, -55.75, 48.44
CIELCh	81, 73.856, 139.015
Yxy	58.2698, 0.3079, 0.4980
Android (android.graphics.Color)	4285522281 (0xFF6FE169)
YUV	177.2340, -35.6114, -58.0872
Hunter-Lab	76.3346, -49.3287, 35.7943

Details

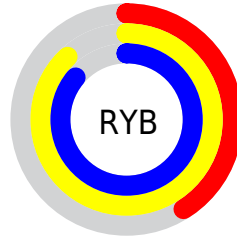
The YIQ color **177.2340, -29.4240, -61.4880** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **152.7660, 29.4240, 61.4880**, and the grayscale version is **178.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **218.6410, -19.8440, -47.8760**, and **119.2980, -35.4760, -61.9400** is the 20% darker color. If you saturate the color by 10%, you get **168.3330, -34.5570, -73.0930**, and if you desaturate by 10%, it is **186.1350, -24.2910, -49.8830**.

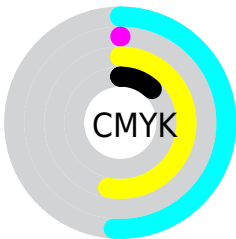
Distribution



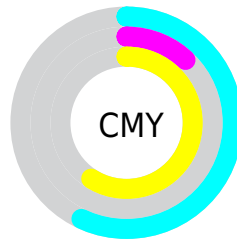
- Red (44%)
- Green (88%)
- Blue (41%)



- Red (41%)
- Yellow (88%)
- Blue (86%)



- Cyan (51%)
- Magenta (0%)
- Yellow (53%)
- Black (12%)



- Cyan (57%)
- Magenta (12%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 177.2340, -29.4240, -61.4880 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 177.2340, -29.4240, -61.4880 by changing the saturation by 10% instead.

■ 177.2340,
-29.4240, -61.4880

■ 177.2340,
-29.4240, -61.4880

■ 255.0000, -0.0000,
-0.0000

■ 148.8640,
-31.2580, -61.2900

■ 218.6410,
-19.8440, -47.8760

■ 119.2980,
-35.4760, -61.9400

■ 230.5040,
-11.5480, -33.0200

■ 86.0900, -46.7540,
-66.8020

■ 242.6660, -2.6560,
-17.9520

■ 67.5050, -31.6250,
-60.1450

■ 253.7460, 3.5310,
-3.4210

■ 52.2430, -24.4750,
-46.5470

■ 38.1550, -17.8750,
-33.9950

■ 24.6540, -11.5500,

-21.9660

■ 3.5220, -1.6500,
-3.1380

■ 0.0000, 0.0000,
0.0000

■ 177.2340,
-29.4240, -61.4880

■ 177.2340,
-29.4240, -61.4880

■ 168.3330,
-34.5570, -73.0930

■ 186.1350,
-24.2910, -49.8830

■ 159.2470,
-40.6070, -84.5990


■ 195.2210,
-18.2410, -38.3770


■ 150.3460,
-45.7400, -96.2040


■ 204.1220,
-13.1080, -26.7720

■ 141.2600,
-51.7900, -107.7100

■ 212.9090, -7.6540,
-15.4780

 135.3640,
-55.3190, -115.3430

 222.1090, -1.9250,
-3.6610

 230.8960, 3.5290,
7.6330

 237.3900, 8.2500,
15.6900

Harmonies

Analogous

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



188.5460, 40.2190, -51.5970



177.2340, -29.4240, -61.4880



155.7920, -119.0120, -67.8440

Triad

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



177.2340, -29.4240, -61.4880



155.8620, -141.2550, -33.6630



176.0780, 62.3950, 31.1230

Complementary

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



177.2340, -29.4240, -61.4880



152.7660, 29.4240, 61.4880

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.



183.9440, 40.2460, 52.5820



177.2340, -29.4240, -61.4880



188.7060, -42.5500, 11.2260

Square

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



177.2340, -29.4240, -61.4880



163.4930, -144.8300, -40.4620



200.9960, 25.3000, 48.1160



181.9240, 76.2470, 0.3350

Rectangle

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



177.2340, -29.4240, -61.4880



162.4380, -134.9700, -53.9620



200.9960, 25.3000, 48.1160



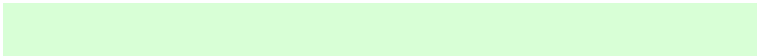
176.9390, 55.8370, 39.8450

Sweetspot

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



177.2340, -29.4240, -61.4880



238.6650, -10.0830, -21.0190



207.7980, 40.1700, -34.1820



117.9740, -6.2790, -12.8630



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.



177.2340, -29.4240, -61.4880



190.0730, -40.0570, -83.5530



181.5960, -50.3340, -45.9660



107.7560, -2.4290, -5.5410



106.0030, -43.0360, -90.1400



28.7740, -12.0080, -24.6800

Inverse Universe

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



152.7660, 29.4240, 61.4880



156.9270, 40.0570, 83.5530



148.4040, 50.3340, 45.9660



105.5430, 3.0250, 5.7530



69.9970, 43.0360, 90.1400



19.2260, 12.0080, 24.6800

Previews

White Background



This preview shows how the YIQ color 177.2340, -29.4240, -61.4880 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 177.2340, -29.4240, -61.4880 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 177.2340, -29.4240, -61.4880 Background



This preview shows how black text looks on a background with the YIQ color 177.2340, -29.4240, -61.4880.



This preview shows how white text looks on a background with the YIQ color 177.2340, -29.4240, -61.4880.

-61.4880.

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

177.2340, -29.4240, -61.4880

Protanopia

194.5370, 45.5790, -27.5810

Deuteranopia

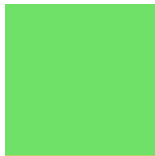
197.1830, 55.9840, -12.4000



Tritanopia

191.5130, -50.1570, -10.6130

Trichromacy



Original Color

177.2340, -29.4240, -61.4880



Protanomaly

188.2020, 18.3010, -39.8350



Deuteranomaly

190.1200, 24.7640, -30.3080



Tritanomaly

186.6270, -42.4510, -29.1310

Monochromacy



Original Color

177.2340, -29.4240, -61.4880



Achromatopsia

177.0000, -0.0000, 0.0000



Achromatomaly

176.8390, -10.6330, -22.0650

CSS Examples

Text

The CSS property to change the color of the text to YIQ 177.2340, -29.4240, -61.4880 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(111, 225, 105)` looks like.

```
.text, #text, p{  
    color:rgb(111, 225, 105)  
}
```

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(111, 225, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 225, 105) }
```

Border

The CSS property to change the border of an element to YIQ 177.2340, -29.4240, -61.4880 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(111, 225, 105) }
```


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

```
.border{ border-color:rgb(111, 225, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 225, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 225, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 225, 105);  
box-shadow:4px 4px 4px 4px rgb(111, 225,  
105) }
```

Background

The CSS property to change the background color of an element to YIQ 177.2340, -29.4240, -61.4880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 225, 105) }
```

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

```
.background{ background-color: rgb(111,  
225, 105) }
```

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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