

Converting Colors

YIQ(178.4610, -11.1300,
-62.6340)

Have a look what the booklet for
YIQ(178.4610, -11.1300, -62.6340)
contains.

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Color

**YIQ(178.4610, -11.1300,
-62.6340)**

Conversions

Conversions Part 1

Format	Color
Hex	81DE54
RGB	129, 222, 84
RGB Percent	51%, 87%, 33%
CMY	0.4944, 0.1292, 0.6705
CMYK	0.42, 0.00, 0.62, 0.13
HSL	100°, 68%, 60%
HSV	100°, 62%, 87%
XYZ	36.7738, 57.5645, 17.5637
YIQ	178.4610, -11.1300, -62.6340

Conversions

Conversions Part 2

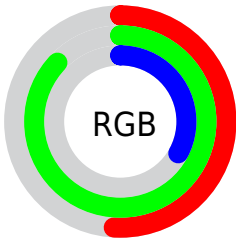
Format	Color
RYB	84, 222, 177
Decimal	8511060
CIELab	80.50, -51.59, 57.50
CIElCh	80, 77.255, 131.901
Yxy	57.5645, 0.3286, 0.5144
Android (android.graphics.Color)	4286701140 (0xFF81DE54)
YUV	178.4610, -46.5693, -43.3773
Hunter-Lab	75.8712, -46.2581, 39.3847

Details

The YIQ color **178.4610, -11.1300, -62.6340** is a dark color, and the websafe version is hex **66CC33**. The color can be described as middle muted chartreuse. A complement of this color would be **127.5390, 11.1300, 62.6340**, and the grayscale version is **179.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **221.3300, -2.9710, -50.8030**, and **121.2220, -11.9550, -64.2030** is the 20% darker color. If you saturate the color by 10%, you get **171.4680, -13.0080, -72.6560**, and if you desaturate by 10%, it is **185.4540, -9.2520, -52.6120**.

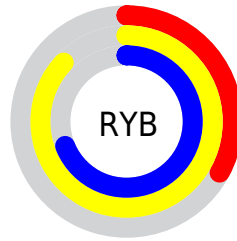
Distribution



Red (51%)

Green (87%)

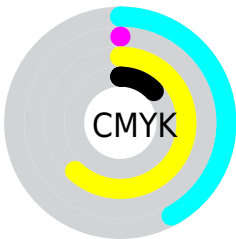
Blue (33%)



Red (33%)

Yellow (87%)

Blue (69%)

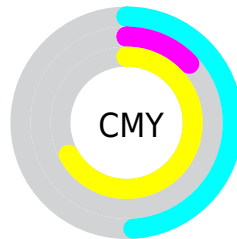


Cyan (42%)

Magenta (0%)

Yellow (62%)

Black (13%)



Cyan (49%)

Magenta (13%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 178.4610, -11.1300, -62.6340 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 178.4610, -11.1300, -62.6340 by changing the saturation by 10% instead.

■ 178.4610,
-11.1300, -62.6340

■ 178.4610,
-11.1300, -62.6340

255.0000, -0.0000,
-0.0000

■ 150.1620,
-11.7260, -62.8460

■ 221.3300, -2.9710,
-50.8030

■ 121.2220,
-11.9550, -64.2030

■ 233.1930, 5.3250,
-35.9470

■ 92.3570, -16.7690,
-65.0650

■ 245.3550, 14.2170,
-20.8790

■ 66.3310, -31.0750,
-59.0990

■ 251.3520, 10.2720,
-9.9520

■ 51.6560, -24.2000,
-46.0240

254.7720, 0.6420,
-0.6220

■ 36.9810, -17.3250,
-32.9490

■ 24.0670, -11.2750,

-21.4430

■ 1.7610, -0.8250,
-1.5690

■ 0.0000, 0.0000,
0.0000

■ 178.4610,
-11.1300, -62.6340

■ 178.4610,
-11.1300, -62.6340

■ 171.4680,
-13.0080, -72.6560

■ 185.4540, -9.2520,
-52.6120

■ 164.4750,
-14.8860, -82.6780

■ 192.4470, -7.3740,
-42.5900


■ 157.3680,
-16.4430, -93.0110


■ 199.5540, -5.8170,
-32.2570

■ 151.8420,
-18.1380, -100.8420

■ 206.5470, -3.9390,
-22.2350

 213.5400, -2.0610,
-12.2130

 220.5330, -0.1830,
-2.1910

 227.5260, 1.6950,
7.8310

 233.8350, 5.4990,
15.9870

 235.6290, 9.0750,
17.2590

Harmonies

Analogous

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



187.2290, 57.2290, -51.4990



178.4610, -11.1300, -62.6340



152.9250, -112.3170, -73.5410

Triad

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



178.4610, -11.1300, -62.6340



158.2100, -142.3550, -35.7550



172.3910, 60.3760, 40.1840

Complementary

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



178.4610, -11.1300, -62.6340



127.5390, 11.1300, 62.6340

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.



185.2950, 35.0640, 58.3920



178.4610, -11.1300, -62.6340



176.3920, -74.3210, -2.2010

Square

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



178.4610, -11.1300, -62.6340



164.6670, -145.3800, -41.5080



199.4460, 14.9850, 42.3210



176.3790, 76.7040, 8.5760

Rectangle

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



178.4610, -11.1300, -62.6340



160.3860, -129.1920, -59.5600



199.4460, 14.9850, 42.3210



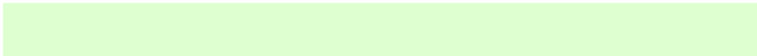
174.5400, 52.9470, 48.1710

Sweetspot

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



178.4610, -11.1300, -62.6340



239.6610, -4.2600, -21.9240



179.2660, 56.9480, -18.8600



118.6000, -2.2900, -13.5700



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.



178.4610, -11.1300, -62.6340



194.6550, -15.5730, -86.7490



167.6280, -45.3330, -65.0210



108.6530, -0.6410, -4.9050



120.3550, -14.4280, -79.9640



32.9600, -3.6640, -21.7120

Inverse Universe

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



127.5390, 11.1300, 62.6340



124.3450, 15.5730, 86.7490



138.3720, 45.3330, 65.0210



104.6460, 1.2370, 5.1170



55.6450, 14.4280, 79.9640



15.3390, 4.2600, 21.9240

Previews

White Background



This preview shows how the YIQ color 178.4610, -11.1300, -62.6340 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 178.4610, -11.1300, -62.6340 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 178.4610, -11.1300, -62.6340 Background



This preview shows how black text looks on a background with the YIQ color 178.4610, -11.1300, -62.6340.



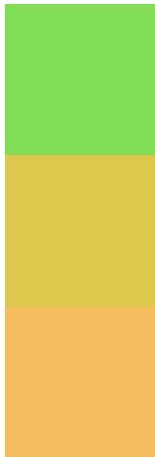
This preview shows how white text looks on a background with the YIQ color 178.4610, -11.1300, -62.6340.

-62.6340.

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

178.4610, -11.1300, -62.6340

Protanopia

191.6700, 52.2740, -33.2780

Deuteranopia

194.9140, 63.8710, -17.6730



Tritanopia

193.1940, -38.8330, -6.5850

Trichromacy



Original Color

178.4610, -11.1300, -62.6340



Protanomaly

186.8410, 29.4430, -43.5250



Deuteranomaly

188.9440, 36.8230, -34.0970



Tritanomaly

187.9230, -28.6050, -26.7570

Monochromacy



Original Color

178.4610, -11.1300, -62.6340



Achromatopsia

178.0000, -0.0000, -0.0000



Achromatomaly

178.1340, -4.2140, -22.7580

CSS Examples

Text

The CSS property to change the color of the text to YIQ 178.4610, -11.1300, -62.6340 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(129, 222, 84)` looks like.

```
.text, #text, p{  
    color:rgb(129, 222, 84)  
}
```

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(129, 222, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 222, 84) }
```

Border

The CSS property to change the border of an element to YIQ 178.4610, -11.1300, -62.6340 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(129, 222, 84) }
```


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

```
.border{ border-color:rgb(129, 222, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 222, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 222, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 222, 84);  
box-shadow:4px 4px 4px 4px rgb(129, 222,  
84) }
```

Background

The CSS property to change the background color of an element to YIQ 178.4610, -11.1300, -62.6340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 222, 84) }
```

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

```
.background{ background-color: rgb(129,  
222, 84) }
```

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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