

Converting Colors

YIQ(148.7870, -59.8630,
-88.0470)

Have a look what the booklet for
YIQ(148.7870, -59.8630, -88.0470)
contains.

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Color

**YIQ(148.7870, -59.8630,
-88.0470)**

Conversions

Conversions Part 1

Format	Color
Hex	25DE41
RGB	37, 222, 65
RGB Percent	15%, 87%, 25%
CMY	0.8554, 0.1291, 0.7452
CMYK	0.83, 0.00, 0.71, 0.13
HSL	129°, 74%, 51%
HSV	129°, 83%, 87%
XYZ	27.8531, 53.0557, 13.7693
YIQ	148.7870, -59.8630, -88.0470

Conversions

Conversions Part 2

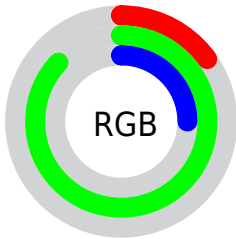
Format	Color
RYB	37, 198, 222
Decimal	2481729
CIELab	77.91, -72.67, 61.52
CIELCh	78, 95.212, 139.747
Yxy	53.0557, 0.2942, 0.5604
Android (android.graphics.Color)	4280671809 (0xFF25DE41)
YUV	148.7870, -41.3070, -98.0372
Hunter-Lab	72.8394, -59.2121, 39.7796

Details

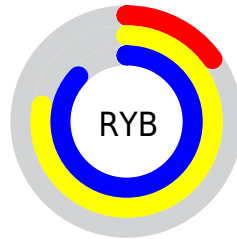
The YIQ color **148.7870, -59.8630, -88.0470** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark washed green. A complement of this color would be **110.2130, 59.8630, 88.0470**, and the grayscale version is **149.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **198.7610, -38.6380, -70.7180**, and **96.8550, -45.3750, -86.2950** is the 20% darker color. If you saturate the color by 10%, you get **140.0430, -66.8760, -98.6200**, and if you desaturate by 10%, it is **157.5310, -52.8500, -77.4740**.

Distribution



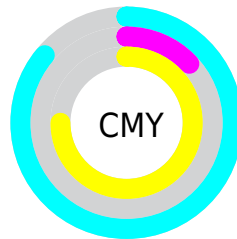
- Red (15%)
- Green (87%)
- Blue (25%)



- Red (15%)
- Yellow (78%)
- Blue (87%)



- Cyan (83%)
- Magenta (0%)
- Yellow (71%)
- Black (13%)



- Cyan (86%)
- Magenta (13%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 148.7870, -59.8630, -88.0470 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 148.7870, -59.8630, -88.0470 by changing the saturation by 10% instead.

■ 148.7870,
-59.8630, -88.0470

■ 148.7870,
-59.8630, -88.0470

■ 255.0000, -0.0000,
-0.0000

■ 117.1670,
-63.9890, -90.3650

■ 198.7610,
-38.6380, -70.7180

■ 96.8550, -45.3750,
-86.2950

■ 211.8200,
-27.9580, -55.0140

■ 81.0060, -37.9500,
-72.1740

■ 224.2810,
-18.4700, -39.7340

■ 65.1570, -30.5250,
-58.0530

■ 237.1550, -8.7070,
-23.9310

■ 49.8950, -23.3750,
-44.4550

■ 249.7300, 0.4600,
-8.3400

■ 35.2200, -16.5000,
-31.3800

■ 20.5450, -9.6250,

-18.3050

■ 0.0000, 0.0000,
0.0000

■ 148.7870,
-59.8630, -88.0470

■ 148.7870,
-59.8630, -88.0470

■ 140.0430,
-66.8760, -98.6200

■ 157.5310,
-52.8500, -77.4740

■ 134.1900,
-71.9640, -105.5320

■ 166.2750,
-45.8370, -66.9010

■ 174.9050,
-38.5030, -56.6390

■ 183.9480,
-30.8940, -45.8540

■ 192.6920,
-23.8810, -35.2810

■ 201.4360,
-16.8680, -24.7080

■ 210.1800, -9.8550,
-14.1350

■ 219.2230, -2.2460,
-3.3500

■ 227.9670, 4.7670,
7.2230

Harmonies

Analogous

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



173.5460, 48.2460, -70.4260



148.7870, -59.8630, -88.0470



153.0220, -113.9680, -71.1520

Triad

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



148.7870, -59.8630, -88.0470



153.5140, -140.1550, -31.5710



148.4430, 80.9610, 47.0810

Complementary

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



148.7870, -59.8630, -88.0470



110.2130, 59.8630, 88.0470

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.



157.8880, 52.9880, 74.9720



148.7870, -59.8630, -88.0470



169.0930, -65.7490, 7.6510

Square

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



148.7870, -59.8630, -88.0470



162.3190, -144.2800, -39.4160



186.9080, 31.9000, 60.6680



163.4070, 96.6960, -1.3200

Rectangle

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



148.7870, -59.8630, -88.0470



161.2640, -134.4200, -52.9160



186.9080, 31.9000, 60.6680



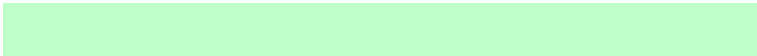
147.6400, 73.5770, 59.7610

Sweetspot

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



148.7870, -59.8630, -88.0470



229.7080, -20.8100, -30.3620



192.5380, 42.6970, -63.4710



112.5770, -12.6510, -18.5310



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.



148.7870, -59.8630, -88.0470



154.1310, -82.6440, -121.2360



159.2750, -89.3950, -59.4350



107.6850, -3.6670, -5.1310



106.3900, -57.0670, -83.6510



28.9740, -15.4470, -22.9270

Inverse Universe

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



110.2130, 59.8630, 88.0470



100.8690, 82.6440, 121.2360



99.7250, 89.3950, 59.4350



105.3150, 3.6670, 5.1310



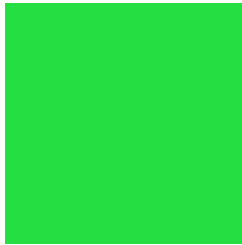
69.6100, 57.0670, 83.6510



19.0260, 15.4470, 22.9270

Previews

White Background



This preview shows how the YIQ color 148.7870, -59.8630, -88.0470 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 148.7870, -59.8630, -88.0470 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

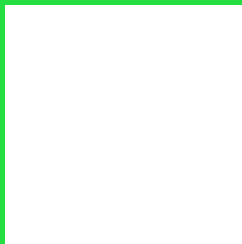
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 148.7870, -59.8630, -88.0470 Background



This preview shows how black text looks on a background with the YIQ color 148.7870, -59.8630, -88.0470.



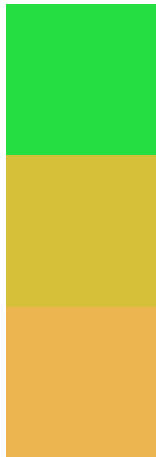
This preview shows how white text looks on a background with the YIQ color 148.7870, -59.8630, -88.0470.

-88.0470.

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

148.7870, -59.8630, -88.0470

Protanopia

182.6010, 56.7220, -36.7980

Deuteranopia

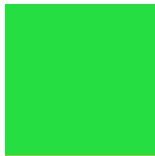
186.2300, 65.7970, -19.5390



Tritanopia

175.7490, -71.6130, -18.2450

Trichromacy



Original Color

148.7870, -59.8630, -88.0470



Protanomaly

170.2640, 14.5900, -55.1860



Deuteranomaly

172.6380, 19.7690, -44.4150



Tritanomaly

165.4940, -67.4820, -43.5620

Monochromacy



Original Color

148.7870, -59.8630, -88.0470



Achromatopsia

149.0000, 0.0000, -0.0000



Achromatomaly

149.0560, -21.9100, -32.4540

CSS Examples

Text

The CSS property to change the color of the text to YIQ 148.7870, -59.8630, -88.0470 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(37, 222, 65)` looks like.

```
.text, #text, p{  
    color:rgb(37, 222, 65)  
}
```

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(37, 222, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 222, 65) }
```

Border

The CSS property to change the border of an element to YIQ 148.7870, -59.8630, -88.0470 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(37, 222, 65) }
```


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

```
.border{ border-color:rgb(37, 222, 65) }
```

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

Here you see how a box with a 4 pixel rgb(37, 222, 65) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 222, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(37, 222, 65);  
box-shadow:4px 4px 4px 4px rgb(37, 222,  
65) }
```

Background

The CSS property to change the background color of an element to YIQ 148.7870, -59.8630, -88.0470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 222, 65) }
```

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

```
.background{ background-color: rgb(37, 222,  
65) }
```

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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