

Converting Colors

YIQ(148.4460, -51.4730,
-85.9130)

Have a look what the booklet for
YIQ(148.4460, -51.4730, -85.9130)
contains.

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Color

**YIQ(148.4460, -51.4730,
-85.9130)**

Conversions

Conversions Part 1

Format	Color
Hex	2EDA3B
RGB	46, 218, 59
RGB Percent	18%, 85%, 23%
CMY	0.8201, 0.1448, 0.7687
CMYK	0.79, 0.00, 0.73, 0.14
HSL	125°, 70%, 52%
HSV	125°, 79%, 86%
XYZ	26.9998, 51.0735, 12.5700
YIQ	148.4460, -51.4730, -85.9130

Conversions

Conversions Part 2

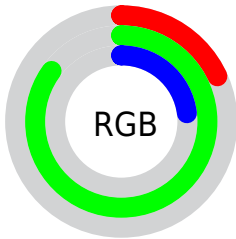
Format	Color
RYB	46, 206, 218
Decimal	3070523
CIELab	76.72, -70.99, 62.48
CIELCh	77, 94.570, 138.645
Yxy	51.0735, 0.2979, 0.5635
Android (android.graphics.Color)	4281260603 (0xFF2EDA3B)
YUV	148.4460, -44.0969, -89.8451
Hunter-Lab	71.4657, -57.6275, 39.5976

Details

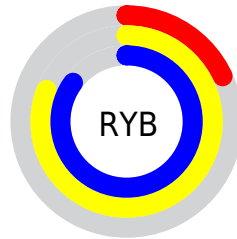
The YIQ color **148.4460, -51.4730, -85.9130** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark washed green. A complement of this color would be **115.5540, 51.4730, 85.9130**, and the grayscale version is **149.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **199.2730, -34.3280, -71.7360**, and **94.5070, -44.2750, -84.2030** is the 20% darker color. If you saturate the color by 10%, you get **139.5880, -58.1650, -96.7970**, and if you desaturate by 10%, it is **157.3040, -44.7810, -75.0290**.

Distribution



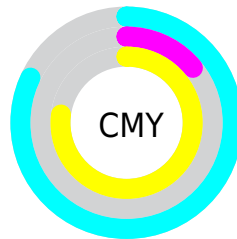
- Red (18%)
- Green (85%)
- Blue (23%)



- Red (18%)
- Yellow (81%)
- Blue (85%)



- Cyan (79%)
- Magenta (0%)
- Yellow (73%)
- Black (14%)



- Cyan (82%)
- Magenta (14%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 148.4460, -51.4730, -85.9130 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 148.4460, -51.4730, -85.9130 by changing the saturation by 10% instead.

■ 148.4460,
-51.4730, -85.9130

■ 148.4460,
-51.4730, -85.9130

■ 255.0000, -0.0000,
-0.0000

■ 113.7930,
-60.0000, -91.0720

■ 199.2730,
-34.3280, -71.7360

■ 94.5070, -44.2750,
-84.2030

■ 212.0330,
-24.2440, -56.2440

■ 78.6580, -36.8500,
-70.0820

■ 224.6080,
-15.0770, -40.6530

■ 62.8090, -29.4250,
-55.9610

■ 237.0690, -5.5890,
-25.3730

■ 47.5470, -22.2750,
-42.3630

■ 249.6440, 3.5780,
-9.7820

■ 34.0460, -15.9500,
-30.3340

■ 18.1970, -8.5250,

-16.2130

■ 0.0000, 0.0000,
0.0000

■ 148.4460,
-51.4730, -85.9130

■ 148.4460,
-51.4730, -85.9130

■ 139.5880,
-58.1650, -96.7970

■ 157.3040,
-44.7810, -75.0290

■ 130.7300,
-64.8570, -107.6810

■ 165.8630,
-38.6850, -64.3570

■ 129.9040,
-65.4070, -108.7270

■ 174.7210,
-31.9930, -53.4730

■ 183.6930,
-25.6220, -42.2780

■ 192.5510,
-18.9300, -31.3940

■ 201.4090,
-12.2380, -20.5100

■ 210.2670, -5.5460,
-9.6260

■ 218.8260, 0.5500,
1.0460

■ 227.6840, 7.2420,
11.9300

Harmonies

Analogous

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



171.1980, 49.3460, -68.3340



148.4460, -51.4730, -85.9130



149.9900, -110.9420, -70.9260

Triad

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



148.4460, -51.4730, -85.9130



152.3400, -139.6050, -30.5250



146.0950, 82.0610, 49.1730

Complementary

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



148.4460, -51.4730, -85.9130



115.5540, 51.4730, 85.9130

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.



156.7140, 53.5380, 76.0180



148.4460, -51.4730, -85.9130



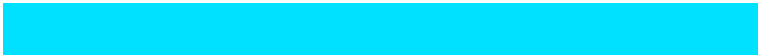
164.3200, -73.8180, 5.2060

Square

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



148.4460, -51.4730, -85.9130



160.5580, -143.4550, -37.8470



185.7340, 32.4500, 61.7140



160.5860, 97.7500, 1.6060

Rectangle

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



148.4460, -51.4730, -85.9130



158.1180, -131.0730, -53.0010



185.7340, 32.4500, 61.7140



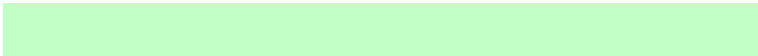
145.2920, 74.6770, 61.8530

Sweetspot

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



148.4460, -51.4730, -85.9130



230.2630, -18.0590, -30.6590



195.1030, 48.6560, -55.8240



112.9470, -10.8170, -18.7290



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.



148.4460, -51.4730, -85.9130



157.1060, -72.3280, -120.9680



158.0220, -78.4370, -59.7890



105.5710, -3.3460, -5.4420



103.0330, -51.7480, -86.4360



27.3440, -13.6130, -23.1250

Inverse Universe

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



115.5540, 51.4730, 85.9130



110.8940, 72.3280, 120.9680



105.8640, 78.7580, 59.4780



103.4290, 3.3460, 5.4420



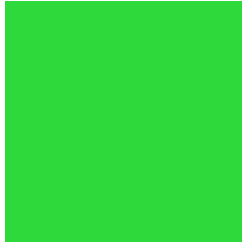
69.9670, 51.7480, 86.4360



18.5420, 13.9340, 22.8140

Previews

White Background



This preview shows how the YIQ color 148.4460, -51.4730, -85.9130 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 148.4460, -51.4730, -85.9130 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 148.4460, -51.4730, -85.9130 Background



This preview shows how black text looks on a background with the YIQ color 148.4460, -51.4730, -85.9130.



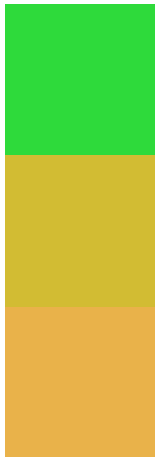
This preview shows how white text looks on a background with the YIQ color 148.4460, -51.4730, -85.9130.

-85.9130.

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

148.4460, -51.4730, -85.9130

Protanopia

178.9600, 57.0890, -37.9430

Deuteranopia

182.5890, 66.1640, -20.6840



Tritanopia

173.5430, -68.0370, -16.9730

Trichromacy



Original Color

148.4460, -51.4730, -85.9130



Protanomaly

167.8190, 17.3410, -55.4830



Deuteranomaly

170.4920, 23.1160, -44.5000



Tritanomaly

164.0710, -61.7970, -41.9650

Monochromacy



Original Color

148.4460, -51.4730, -85.9130



Achromatopsia

148.0000, -0.0000, 0.0000



Achromatomaly

147.9640, -18.6550, -30.8710

CSS Examples

Text

The CSS property to change the color of the text to YIQ 148.4460, -51.4730, -85.9130 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(46, 218, 59)` looks like.

```
.text, #text, p{  
    color:rgb(46, 218, 59)  
}
```

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(46, 218, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 218, 59) }
```

Border

The CSS property to change the border of an element to YIQ 148.4460, -51.4730, -85.9130 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(46, 218, 59) }
```


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

```
.border{ border-color:rgb(46, 218, 59) }
```

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

Here you see how a box with a 4 pixel rgb(46, 218, 59) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 218, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(46, 218, 59);  
box-shadow:4px 4px 4px 4px rgb(46, 218,  
59) }
```

Background

The CSS property to change the background color of an element to YIQ 148.4460, -51.4730, -85.9130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(46, 218, 59) }
```

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

```
.background{ background-color: rgb(46, 218,  
59) }
```

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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