

Converting Colors

YIQ(148.5850, -51.8010,
-46.9130)

Have a look what the booklet for
YIQ(148.5850, -51.8010, -46.9130)
contains.

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Color

**YIQ(148.5850, -51.8010,
-46.9130)**

Conversions

Conversions Part 1

Format	Color
Hex	46C17E
RGB	70, 193, 126
RGB Percent	27%, 76%, 49%
CMY	0.7258, 0.2429, 0.5060
CMYK	0.64, 0.00, 0.35, 0.24
HSL	147°, 50%, 52%
HSV	147°, 64%, 76%
XYZ	25.3644, 40.9670, 26.2960
YIQ	148.5850, -51.8010, -46.9130

Conversions

Conversions Part 2

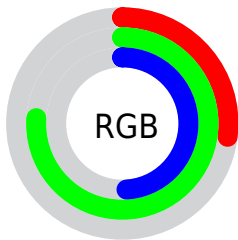
Format	Color
RYB	70, 155, 193
Decimal	4637054
CIELab	70.15, -49.44, 23.99
CIELCh	70, 54.953, 154.115
Yxy	40.9670, 0.2738, 0.4423
Android (android.graphics.Color)	4282827134 (0xFF46C17E)
YUV	148.5850, -11.1344, -68.9190
Hunter-Lab	64.0055, -41.2728, 20.4451

Details

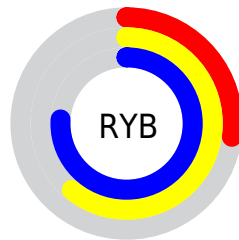
The YIQ color **148.5850, -51.8010, -46.9130** is a dark color, and the websafe version is hex **33CC99**. The color can be described as dark muted spring green. A complement of this color would be **114.4150, 51.8010, 46.9130**, and the grayscale version is **149.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **206.0260, -48.7290, -47.5210**, and **89.6700, -62.3460, -48.5380** is the 20% darker color. If you saturate the color by 10%, you get **141.6500, -59.5940, -54.3620**, and if you desaturate by 10%, it is **155.4060, -43.6870, -39.7750**.

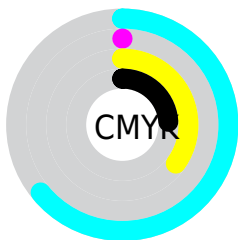
Distribution



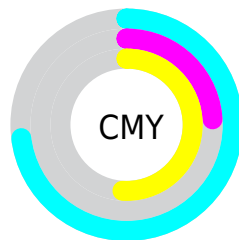
- Red (27%)
- Green (76%)
- Blue (49%)



- Red (27%)
- Yellow (61%)
- Blue (76%)



- Cyan (64%)
- Magenta (0%)
- Yellow (35%)
- Black (24%)



- Cyan (73%)
- Magenta (24%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 148.5850, -51.8010, -46.9130 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 148.5850, -51.8010, -46.9130 by changing the saturation by 10% instead.

■ 148.5850,
-51.8010, -46.9130

■ 148.5850,
-51.8010, -46.9130

■ 255.0000, -0.0000,
-0.0000

■ 118.2360,
-58.1280, -47.8880

■ 206.0260,
-48.7290, -47.5210

■ 89.6700, -62.3460,
-48.5380

■ 220.8240,
-41.8080, -35.2800

■ 71.7860, -47.8130,
-42.0930

■ 232.9860,
-32.9160, -20.2120

■ 54.4890, -33.5550,
-36.1710

■ 243.9370,
-22.0520, -7.8440

■ 37.3060, -19.6180,
-29.9380

■ 252.9070, -4.1720,
-1.4840

■ 23.4800, -11.0000,
-20.9200

■ 0.5870, -0.2750,

-0.5230

■ 0.0000, 0.0000,
0.0000

■ 148.5850,
-51.8010, -46.9130

■ 148.5850,
-51.8010, -46.9130

■ 141.6500,
-59.5940, -54.3620

■ 155.4060,
-43.6870, -39.7750

■ 134.5300,
-68.3040, -61.7120

■ 162.6400,
-35.2980, -32.1140

■ 127.5950,
-76.0970, -69.1610

■ 169.5750,
-27.5050, -24.6650

■ 123.3230,
-81.3230, -73.5710

■ 176.3960,
-19.3910, -17.5270

■ 183.3310,
-11.5980, -10.0780

■ 190.4510, -2.8880,
-2.7280

■ 197.3860, 4.9050,
4.7210

■ 204.2070, 13.0190,
11.8590

■ 211.4410, 21.4080,
19.5200

Harmonies

Analogous

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



160.7430, 6.4720, -40.2160



148.5850, -51.8010, -46.9130



135.2300, -110.7170, -47.4610

Triad

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



148.5850, -51.8010, -46.9130



158.7050, -76.3400, 6.8600



168.9420, 76.9770, 20.1530

Complementary

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



148.5850, -51.8010, -46.9130



114.4150, 51.8010, 46.9130

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.



170.4190, 63.1730, 39.0530



148.5850, -51.8010, -46.9130



175.5440, -14.7700, 36.4140

Square

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



148.5850, -51.8010, -46.9130



139.4260, -133.5550, -19.0190



176.2050, 34.8370, 45.9810



169.0110, 71.3880, -5.2200

Rectangle

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



148.5850, -51.8010, -46.9130



139.1060, -121.6310, -36.8870



176.2050, 34.8370, 45.9810



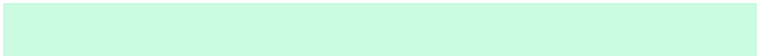
168.4180, 72.9410, 27.2210

Sweetspot

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



148.5850, -51.8010, -46.9130



232.6840, -20.2620, -18.2620



162.5330, 6.7030, -49.9130



114.5050, -12.1480, -11.1240



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



148.5850, -51.8010, -46.9130



180.3230, -81.3230, -73.5710



155.5390, -71.3820, -27.9420



93.4400, -4.3550, -3.6750



102.8290, -67.7080, -61.5000



21.0810, -13.8900, -12.5940

Inverse Universe

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



114.4150, 51.8010, 46.9130



126.6770, 81.3230, 73.5710



107.4610, 71.3820, 27.9420



90.5600, 4.3550, 3.6750



58.1710, 67.7080, 61.5000



11.9190, 13.8900, 12.5940

Previews

White Background



This preview shows how the YIQ color 148.5850, -51.8010, -46.9130 looks on a white background.

Color Contrast Check

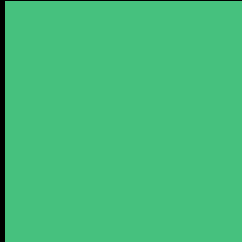
Large Text (above 18pt) WCAG AA × Fail

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 148.5850, -51.8010, -46.9130 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

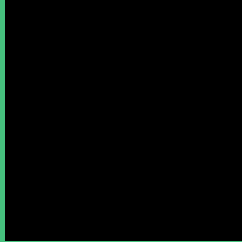
Any Text WCAG AA ✓ Pass

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 148.5850, -51.8010, -46.9130 Background



This preview shows how black text looks on a background with the YIQ color 148.5850, -51.8010, -46.9130.



This preview shows how white text looks on a background with the YIQ color 148.5850, -51.8010, -46.9130.

-46.9130.

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

148.5850, -51.8010, -46.9130

Protanopia

168.0300, 25.6780, -13.8260

Deuteranopia

170.3440, 31.0860, -1.6980



Tritanopia

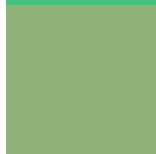
158.8000, -58.4550, -14.4150

Trichromacy



Original Color

148.5850, -51.8010, -46.9130



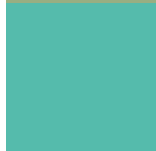
Protanomaly

160.9230, -2.2420, -25.4580



Deuteranomaly

162.4060, 1.0120, -18.3480



Tritanomaly

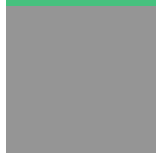
154.7920, -55.9770, -26.2890

Monochromacy



Original Color

148.5850, -51.8010, -46.9130



Achromatopsia

149.0000, 0.0000, -0.0000



Achromatomaly

148.8090, -19.1160, -17.0040

CSS Examples

Text

The CSS property to change the color of the text to YIQ 148.5850, -51.8010, -46.9130 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(70, 193, 126)` looks like.

```
.text, #text, p{  
    color:rgb(70, 193, 126)  
}
```

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(70, 193, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 193, 126) }
```

Border

The CSS property to change the border of an element to YIQ 148.5850, -51.8010, -46.9130 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(70, 193, 126) }
```


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

```
.border{ border-color:rgb(70, 193, 126) }
```

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

Here you see how a box with a 4 pixel rgb(70, 193, 126) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 193, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 193, 126);  
box-shadow:4px 4px 4px 4px rgb(70, 193,  
126) }
```

Background

The CSS property to change the background color of an element to YIQ 148.5850, -51.8010, -46.9130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 193, 126) }
```

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

```
.background{ background-color: rgb(70, 193,  
126) }
```

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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