

Converting Colors

YIQ(150.6090, -43.1810,
-48.9490)

Have a look what the booklet for
YIQ(150.6090, -43.1810, -48.9490)
contains.

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Color

**YIQ(150.6090, -43.1810,
-48.9490)**

Conversions

Conversions Part 1

Format	Color
Hex	4FC273
RGB	79, 194, 115
RGB Percent	31%, 76%, 45%
CMY	0.6905, 0.2390, 0.5491
CMYK	0.59, 0.00, 0.41, 0.24
HSL	139°, 49%, 54%
HSV	139°, 59%, 76%
XYZ	25.6130, 41.5009, 22.8717
YIQ	150.6090, -43.1810, -48.9490

Conversions

Conversions Part 2

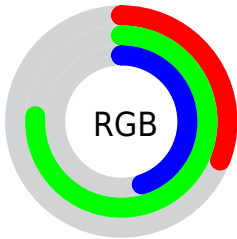
Format	Color
RYB	79, 167, 194
Decimal	5227123
CIELab	70.53, -50.00, 30.29
CIELCh	71, 58.459, 148.789
Yxy	41.5009, 0.2846, 0.4612
Android (android.graphics.Color)	4283417203 (0xFF4FC273)
YUV	150.6090, -17.5552, -62.8011
Hunter-Lab	64.4212, -41.7679, 24.0449

Details

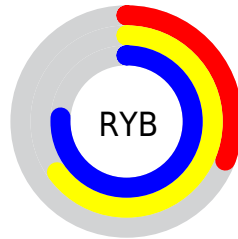
The YIQ color **150.6090, -43.1810, -48.9490** is a dark color, and the websafe version is hex **66CC66**. The color can be described as dark muted spring green. A complement of this color would be **122.3910, 43.1810, 48.9490**, and the grayscale version is **151.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **207.7510, -40.7050, -49.7690**, and **89.1170, -59.4110, -52.1710** is the 20% darker color. If you saturate the color by 10%, you get **143.4460, -50.3320, -57.0200**, and if you desaturate by 10%, it is **157.7720, -36.0300, -40.8780**.

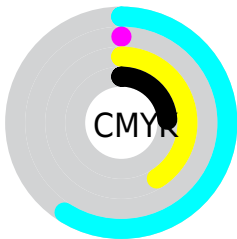
Distribution



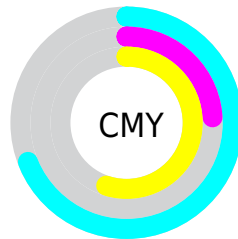
- Red (31%)
- Green (76%)
- Blue (45%)



- Red (31%)
- Yellow (65%)
- Blue (76%)



- Cyan (59%)
- Magenta (0%)
- Yellow (41%)
- Black (24%)



- Cyan (69%)
- Magenta (24%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 150.6090, -43.1810, -48.9490 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 150.6090, -43.1810, -48.9490 by changing the saturation by 10% instead.

■ 150.6090,
-43.1810, -48.9490

■ 150.6090,
-43.1810, -48.9490

■ 255.0000, -0.0000,
-0.0000

■ 121.4560,
-47.1240, -49.0760

■ 207.7510,
-40.7050, -49.7690

■ 89.0030, -59.0900,
-52.4820

■ 221.8480,
-33.1880, -37.3160

■ 71.1190, -44.5570,
-46.0370

■ 233.7110,
-24.8920, -22.4600

■ 53.7080, -29.9780,
-40.4260

■ 245.6880,
-16.9170, -7.2930

■ 36.9810, -17.3250,
-32.9490

■ 24.0670, -11.2750,
-21.4430

■ 2.3480, -1.1000,

-2.0920

■ 0.0000, 0.0000,
0.0000

■ 150.6090,
-43.1810, -48.9490

■ 150.6090,
-43.1810, -48.9490

■ 143.4460,
-50.3320, -57.0200

■ 157.7720,
-36.0300, -40.8780

■ 135.8700,
-57.7580, -65.6140

■ 165.3480,
-28.6040, -32.2840

■ 128.7070,
-64.9090, -73.6850

■ 172.5110,
-21.4530, -24.2130

■ 121.2450,
-72.6560, -81.9680

■ 179.9730,
-13.7060, -15.9300

■ 120.8320,
-72.9310, -82.4910

■ 187.2500, -6.8760,
-7.5480

■ 194.4130, 0.2750,
0.5230

■ 201.8750, 8.0220,
8.8060

■ 209.1520, 14.8520,
17.1880

■ 216.6140, 22.5990,
25.4710

Harmonies

Analogous

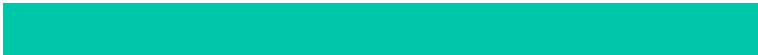
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



161.5930, 15.6420, -41.2060



150.6090, -43.1810, -48.9490



135.4920, -108.6990, -50.9950

Triad

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



150.6090, -43.1810, -48.9490



145.8040, -107.8360, -6.0440



167.2780, 76.1510, 24.1110

Complementary

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



150.6090, -43.1810, -48.9490



122.3910, 43.1810, 48.9490

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.



169.7980, 60.7880, 43.7320



150.6090, -43.1810, -48.9490



173.5320, -23.6640, 32.4000

Square

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



150.6090, -43.1810, -48.9490



141.7740, -134.6550, -21.1110



177.2630, 28.9220, 48.5540



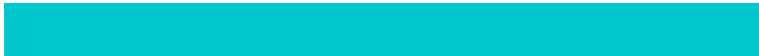
170.0660, 78.7230, -0.4850

Rectangle

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



150.6090, -43.1810, -48.9490



140.1830, -120.5300, -40.3220



177.2630, 28.9220, 48.5540



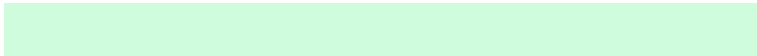
166.8680, 71.7940, 31.4900

Sweetspot

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



150.6090, -43.1810, -48.9490



235.0110, -16.8690, -19.1810



170.7240, 16.6510, -42.9730



117.0490, -10.8640, -12.3680



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.



150.6090, -43.1810, -48.9490



184.4570, -67.2010, -76.2010



156.9930, -61.1570, -31.5330



93.2120, -3.7130, -4.2970



100.2070, -60.3250, -68.6530



20.5110, -12.2850, -14.1490

Inverse Universe

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



122.3910, 43.1810, 48.9490



140.5430, 67.2010, 76.2010



116.0070, 61.1570, 31.5330



90.7880, 3.7130, 4.2970



60.6790, 60.6460, 68.3420



12.4890, 12.2850, 14.1490

Previews

White Background



This preview shows how the YIQ color 150.6090, -43.1810, -48.9490 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 150.6090, -43.1810, -48.9490 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 150.6090, -43.1810, -48.9490 Background



This preview shows how black text looks on a background with the YIQ color 150.6090, -43.1810, -48.9490.



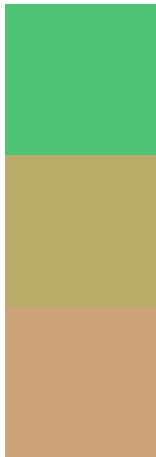
This preview shows how white text looks on a background with the YIQ color 150.6090, -43.1810, -48.9490.

-48.9490.

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

150.6090, -43.1810, -48.9490

Protanopia

168.3740, 30.4010, -16.8230

Deuteranopia

170.8730, 36.7260, -4.7940



Tritanopia

161.4910, -53.0910, -12.5070

Trichromacy



Original Color

150.6090, -43.1810, -48.9490



Protanomaly

161.7510, 3.9940, -28.3420



Deuteranomaly

163.5330, 7.8440, -21.0200



Tritanomaly

157.6140, -49.6040, -26.1480

Monochromacy



Original Color

150.6090, -43.1810, -48.9490



Achromatopsia

151.0000, -0.0000, 0.0000



Achromatomaly

151.1360, -15.7230, -17.9230

CSS Examples

Text

The CSS property to change the color of the text to YIQ 150.6090, -43.1810, -48.9490 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(79, 194, 115)` looks like.

```
.text, #text, p{  
    color:rgb(79, 194, 115)  
}
```

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(79, 194, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 194, 115) }
```

Border

The CSS property to change the border of an element to YIQ 150.6090, -43.1810, -48.9490 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(79, 194, 115) }
```


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

```
.border{ border-color:rgb(79, 194, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 194, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 194, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 194, 115);  
box-shadow:4px 4px 4px 4px rgb(79, 194,  
115) }
```

Background

The CSS property to change the background color of an element to YIQ 150.6090, -43.1810, -48.9490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 194, 115) }
```

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

```
.background{ background-color: rgb(79, 194,  
115) }
```

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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