

Converting Colors

YIQ(159.1200, -47.4390,
-81.9270)

Have a look what the booklet for
YIQ(159.1200, -47.4390, -81.9270)
contains.

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Color

**YIQ(159.1200, -47.4390,
-81.9270)**

Conversions

Conversions Part 1

Format	Color
Hex	3FE148
RGB	63, 225, 72
RGB Percent	25%, 88%, 28%
CMY	0.7534, 0.1174, 0.7177
CMYK	0.72, 0.00, 0.68, 0.12
HSL	123°, 73%, 56%
HSV	123°, 72%, 88%
XYZ	30.1547, 55.4074, 15.2332
YIQ	159.1200, -47.4390, -81.9270

Conversions

Conversions Part 2

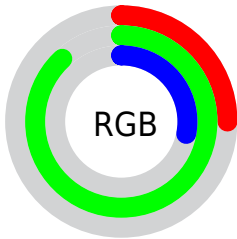
Format	Color
RYB	63, 216, 225
Decimal	4186440
CIELab	79.28, -69.65, 60.44
CIELCh	79, 92.221, 139.050
Yxy	55.4074, 0.2992, 0.5497
Android (android.graphics.Color)	4282376520 (0xFF3FE148)
YUV	159.1200, -42.9502, -84.2972
Hunter-Lab	74.4362, -57.9514, 39.9717

Details

The YIQ color **159.1200, -47.4390, -81.9270** 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 **128.8800, 47.4390, 81.9270**, and the grayscale version is **160.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **203.9300, -31.6240, -65.6720**, and **98.6160, -46.2000, -87.8640** is the 20% darker color. If you saturate the color by 10%, you get **149.8490, -54.4060, -93.3340**, and if you desaturate by 10%, it is **168.0920, -41.0680, -70.7320**.

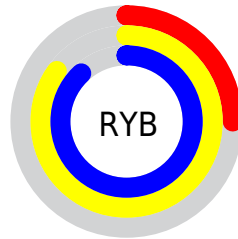
Distribution



Red (25%)

Green (88%)

Blue (28%)



Red (25%)

Yellow (85%)

Blue (88%)

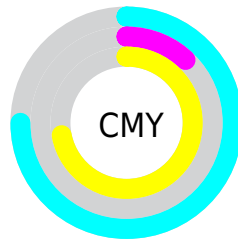


Cyan (72%)

Magenta (0%)

Yellow (68%)

Black (12%)



Cyan (75%)

Magenta (12%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 159.1200, -47.4390, -81.9270 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 159.1200, -47.4390, -81.9270 by changing the saturation by 10% instead.

■ 159.1200,
-47.4390, -81.9270

■ 159.1200,
-47.4390, -81.9270

■ 255.0000, -0.0000,
-0.0000

■ 119.8400,
-67.3820, -89.4460

■ 203.9300,
-31.6240, -65.6720

■ 98.6160, -46.2000,
-87.8640

■ 216.3910,
-22.1360, -50.3920

■ 82.7670, -38.7750,
-73.7430

■ 228.8520,
-12.6480, -35.1120

■ 66.9180, -31.3500,
-59.6220

■ 241.4270, -3.4810,
-19.5210

■ 51.6560, -24.2000,
-46.0240

■ 253.4040, 4.4940,
-4.3540

■ 36.9810, -17.3250,
-32.9490

■ 22.3060, -10.4500,

-19.8740

■ 0.0000, 0.0000,
0.0000

■ 159.1200,
-47.4390, -81.9270

■ 159.1200,
-47.4390, -81.9270

■ 149.8490,
-54.4060, -93.3340

■ 168.0920,
-41.0680, -70.7320

■ 140.8770,
-60.7770, -104.5290

■ 177.3630,
-34.1010, -59.3250


■ 133.5570,
-66.0480, -113.6320


■ 186.4490,
-28.0510, -47.8190

■ 195.7200,
-21.0840, -36.4120

■ 204.6920,
-14.7130, -25.2170

 213.9630, -7.7460,
-13.8100

 223.0490, -1.6960,
-2.3040

 232.3200, 5.2710,
9.1030

 237.3900, 8.2500,
15.6900

Harmonies

Analogous

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



177.4000, 51.5930, -70.5110



159.1200, -47.4390, -81.9270



155.1250, -115.7560, -71.7880

Triad

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



159.1200, -47.4390, -81.9270



155.8620, -141.2550, -33.6630



155.1110, 75.9640, 44.0280

Complementary

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



159.1200, -47.4390, -81.9270



128.8800, 47.4390, 81.9270

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.



165.5020, 48.0830, 70.2510



159.1200, -47.4390, -81.9270



174.1210, -62.9520, 6.5200

Square

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



159.1200, -47.4390, -81.9270



164.0800, -145.1050, -40.9850



191.0170, 29.9750, 57.0070



167.5960, 91.7900, -0.5140

Rectangle

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



159.1200, -47.4390, -81.9270



163.1390, -135.5660, -54.1740



191.0170, 29.9750, 57.0070



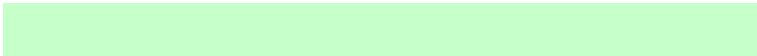
154.7810, 68.6260, 55.8740

Sweetspot

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



159.1200, -47.4390, -81.9270



232.2140, -16.3630, -28.3550



204.1400, 47.2340, -52.0780



114.1860, -9.9920, -17.1600



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.



159.1200, -47.4390, -81.9270



165.9210, -64.0770, -110.8050



168.2400, -73.1190, -57.0470



107.5710, -3.3460, -5.4420



104.4520, -51.6100, -88.9380



28.5180, -14.1630, -24.1710

Inverse Universe

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



128.8800, 47.4390, 81.9270



125.0790, 64.0770, 110.8050



119.7600, 73.1190, 57.0470



105.5430, 3.0250, 5.7530



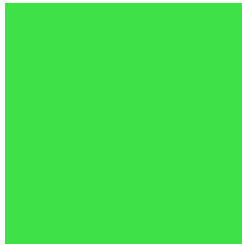
71.5480, 51.6100, 88.9380



19.5960, 13.8420, 24.4820

Previews

White Background



This preview shows how the YIQ color 159.1200, -47.4390, -81.9270 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 159.1200, -47.4390, -81.9270 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 159.1200, -47.4390, -81.9270 Background



This preview shows how black text looks on a background with the YIQ color 159.1200, -47.4390, -81.9270.

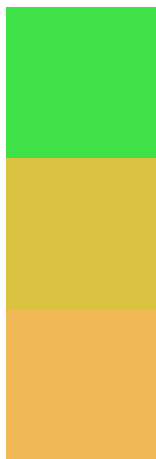


This preview shows how white text looks on a background with the YIQ color 159.1200, -47.4390, -81.9270.

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

159.1200, -47.4390, -81.9270

Protanopia

186.9430, 55.7590, -35.8650

Deuteranopia

190.3440, 65.4760, -19.2280



Tritanopia

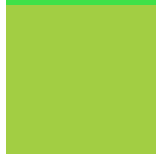
181.4400, -66.2490, -16.3370

Trichromacy



Original Color

159.1200, -47.4390, -81.9270



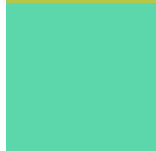
Protanomaly

176.9980, 18.3950, -52.5570



Deuteranomaly

179.1440, 24.2160, -42.4080



Tritanomaly

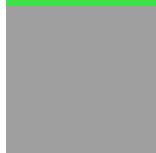
173.2070, -59.1840, -39.7600

Monochromacy



Original Color

159.1200, -47.4390, -81.9270



Achromatopsia

159.0000, -0.0000, 0.0000



Achromatomaly

158.9750, -17.1880, -29.9240

CSS Examples

Text

The CSS property to change the color of the text to YIQ 159.1200, -47.4390, -81.9270 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(63, 225, 72)` looks like.

```
.text, #text, p{  
    color:rgb(63, 225, 72)  
}
```

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(63, 225, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 225, 72) }
```

Border

The CSS property to change the border of an element to YIQ 159.1200, -47.4390, -81.9270 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(63, 225, 72) }
```


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

```
.border{ border-color:rgb(63, 225, 72) }
```

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

Here you see how a box with a 4 pixel `rgb(63, 225, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 225, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 225, 72);  
box-shadow:4px 4px 4px 4px rgb(63, 225,  
72) }
```

Background

The CSS property to change the background color of an element to YIQ 159.1200, -47.4390, -81.9270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 225, 72) }
```

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

```
.background{ background-color: rgb(63, 225,  
72) }
```

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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