

Converting Colors

YIQ(179.2380, 0.2840, -49.2200)

Have a look what the booklet for
YIQ(179.2380, 0.2840, -49.2200)
contains.

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Color

**YIQ(179.2380, 0.2840,
-49.2200)**

Conversions

Conversions Part 1

Format	Color
Hex	95D35F
RGB	149, 211, 95
RGB Percent	58%, 83%, 37%
CMY	0.4159, 0.1724, 0.6273
CMYK	0.29, 0.00, 0.55, 0.17
HSL	92°, 57%, 60%
HSV	92°, 55%, 83%
XYZ	37.7515, 53.8123, 19.2291
YIQ	179.2380, 0.2840, -49.2200

Conversions

Conversions Part 2

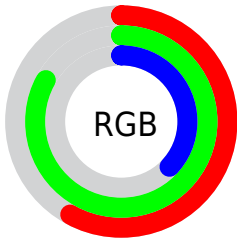
Format	Color
RYB	95, 211, 157
Decimal	9818975
CIELab	78.35, -39.15, 50.47
CIELCh	78, 63.873, 127.805
Yxy	53.8123, 0.3407, 0.4857
Android (android.graphics.Color)	4288009055 (0xFF95D35F)
YUV	179.2380, -41.5293, -26.5187
Hunter-Lab	73.3568, -36.5134, 35.8080

Details

The YIQ color **179.2380, 0.2840, -49.2200** is a light color, and the websafe version is hex **99CC66**. The color can be described as light muted chartreuse. A complement of this color would be **126.7620, -0.2840, 49.2200**, and the grayscale version is **180.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **228.1510, 5.1430, -43.6650**, and **124.4660, -0.3580, -48.5980** is the 20% darker color. If you saturate the color by 10%, you get **173.5550, 0.4690, -58.0830**, and if you desaturate by 10%, it is **184.9210, 0.0990, -40.3570**.

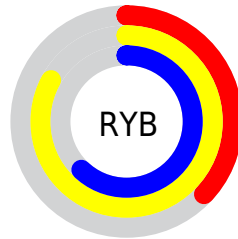
Distribution



Red (58%)

Green (83%)

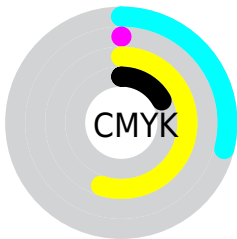
Blue (37%)



Red (37%)

Yellow (83%)

Blue (62%)

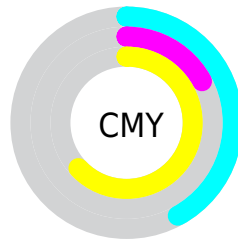


Cyan (29%)

Magenta (0%)

Yellow (55%)

Black (17%)



Cyan (42%)

Magenta (17%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 179.2380, 0.2840, -49.2200 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 179.2380, 0.2840, -49.2200 by changing the saturation by 10% instead.

179.2380, 0.2840,
-49.2200

179.2380, 0.2840,
-49.2200

255.0000, -0.0000,
-0.0000

151.4660, -0.3580,
-48.5980

228.1510, 5.1430,
-43.6650

124.4660, -0.3580,
-48.5980

240.0140, 13.4390,
-28.8090

97.3690, 1.2930,
-50.9870

249.1860, 16.3710,
-15.8610

72.4100, -5.9520,
-46.3360

252.4920, 7.0620,
-6.8420

46.9710, -20.5330,
-40.8930

32.8720, -15.4000,
-29.2880

21.1320, -9.9000,

-18.8280

■ 0.0000, 0.0000,
0.0000

■ 179.2380, 0.2840,
-49.2200

■ 179.2380, 0.2840,
-49.2200

■ 173.5550, 0.4690,
-58.0830

■ 184.9210, 0.0990,
-40.3570

■ 167.5730, 0.0580,
-67.1580

■ 190.9030, 0.5100,
-31.2820

■ 161.8900, 0.2430,
-76.0210

■ 196.5860, 0.3250,
-22.4190

■ 156.2070, 0.4280,
-84.8840

■ 202.2690, 0.1400,
-13.5560

■ 153.1590, 0.3830,
-89.5770

■ 208.0660, -0.3660,
-4.3820

■ 214.0480, 0.0450,
4.6930

■ 219.7310, -0.1400,
13.5560

■ 224.3880, 2.5640,
19.6200

■ 227.9760, 9.7160,
22.1640

Harmonies

Analogous

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



186.1920, 50.6240, -36.4160



179.2380, 0.2840, -49.2200



159.3530, -80.8670, -59.8030

Triad

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



179.2380, 0.2840, -49.2200



153.5140, -140.1550, -31.5710



179.6460, 55.1040, 36.6080

Complementary

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



179.2380, 0.2840, -49.2200



126.7620, -0.2840, 49.2200

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.



191.0680, 33.9650, 50.7730



179.2380, 0.2840, -49.2200



176.4250, -69.9200, 0.6400

Square

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



179.2380, 0.2840, -49.2200



158.7970, -142.6300, -36.2780



195.2160, 0.7730, 35.5650



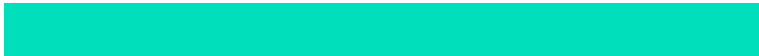
179.6050, 70.3760, 13.1280

Rectangle

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



179.2380, 0.2840, -49.2200



152.2190, -121.3520, -58.4720



195.2160, 0.7730, 35.5650



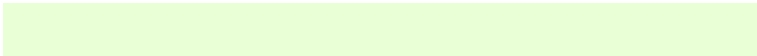
181.9260, 48.6840, 42.8280

Sweetspot

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



179.2380, 0.2840, -49.2200



243.7480, 0.0490, -17.4150



166.0780, 52.0860, -7.8340



121.2630, 0.2770, -10.5310



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.



179.2380, 0.2840, -49.2200



208.9380, 0.2880, -71.3280



163.5480, -33.1840, -59.4240



101.9520, -0.0450, -4.6930



121.9380, 0.2880, -71.3280



29.7480, 0.0490, -17.4150

Inverse Universe

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



126.7620, -0.2840, 49.2200



133.0620, -0.2880, 71.3280



142.4520, 33.1840, 59.4240



97.0480, 0.0450, 4.6930



46.0620, -0.2880, 71.3280



11.2520, -0.0490, 17.4150

Previews

White Background



This preview shows how the YIQ color 179.2380, 0.2840, -49.2200 looks on a white background.

Color Contrast Check

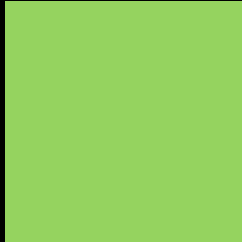
Large Text (above 18pt) WCAG AA × Fail

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 179.2380, 0.2840, -49.2200 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

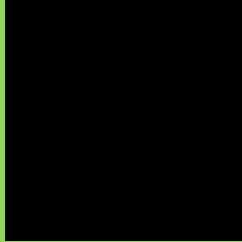
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 179.2380, 0.2840, -49.2200

Background



This preview shows how black text looks on a background with the YIQ color 179.2380, 0.2840, -49.2200.



This preview shows how white text looks on a background with the YIQ color 179.2380, 0.2840,

-49.2200.

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

179.2380, 0.2840, -49.2200

Protanopia

187.4230, 45.9000, -27.8920

Deuteranopia

190.4990, 57.9100, -14.2660



Tritanopia

190.2560, -24.2080, -1.8080

Trichromacy



Original Color

179.2380, 0.2840, -49.2200

Protanomaly

184.5840, 29.0290, -36.0190

Deuteranomaly

186.4590, 37.0510, -27.2130

Tritanomaly

186.4950, -15.3560, -19.0680

Monochromacy



Original Color

179.2380, 0.2840, -49.2200

Achromatopsia

179.0000, -0.0000, -0.0000

Achromatomaly

179.2210, 0.0950, -18.2490

CSS Examples

Text

The CSS property to change the color of the text to YIQ 179.2380, 0.2840, -49.2200 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(149, 211, 95)` looks like.

```
.text, #text, p{  
    color:rgb(149, 211, 95)  
}
```

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(149, 211, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 211, 95) }
```

Border

The CSS property to change the border of an element to YIQ 179.2380, 0.2840, -49.2200 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(149, 211, 95) }
```


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

```
.border{ border-color:rgb(149, 211, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 211, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 211, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 211, 95);  
box-shadow:4px 4px 4px 4px rgb(149, 211,  
95) }
```

Background

The CSS property to change the background color of an element to YIQ 179.2380, 0.2840, -49.2200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 211, 95) }
```

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

```
.background{ background-color: rgb(149,  
211, 95) }
```

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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