

Converting Colors

YIQ(175.4940, 2.4390, -49.7290)

Have a look what the booklet for
YIQ(175.4940, 2.4390, -49.7290)
contains.

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Color

**YIQ(175.4940, 2.4390,
-49.7290)**

Conversions

Conversions Part 1

Format	Color
Hex	93CF58
RGB	147, 207, 88
RGB Percent	58%, 81%, 35%
CMY	0.4237, 0.1881, 0.6548
CMYK	0.29, 0.00, 0.57, 0.19
HSL	90°, 55%, 58%
HSV	90°, 57%, 81%
XYZ	36.1041, 51.5407, 17.2836
YIQ	175.4940, 2.4390, -49.7290

Conversions

Conversions Part 2

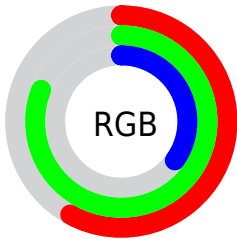
Format	Color
R_{YB}	88, 207, 148
Decimal	9686872
CIE _{Lab}	77.01, -38.77, 52.06
CIE _{LCh}	77, 64.916, 126.676
Yxy	51.5407, 0.3441, 0.4912
Android (android.graphics.Color)	4287876952 (0xFF93CF58)
YUV	175.4940, -43.1345, -24.9892
Hunter-Lab	71.7918, -35.8681, 35.9804

Details

The YIQ color **175.4940, 2.4390, -49.7290** is a dark color, and the websafe version is hex **99CC66**. The color can be described as middle muted chartreuse. A complement of this color would be **119.5060, -2.4390, 49.7290**, and the grayscale version is **176.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **226.7550, 6.1980, -46.2660**, and **120.6080, 2.1180, -49.4180** is the 20% darker color. If you saturate the color by 10%, you get **169.8110, 2.6240, -58.5920**, and if you desaturate by 10%, it is **180.8780, 1.6580, -41.0780**.

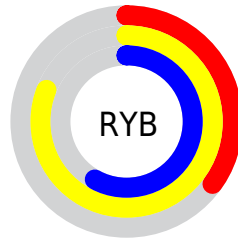
Distribution



Red (58%)

Green (81%)

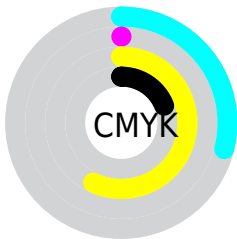
Blue (35%)



Red (35%)

Yellow (81%)

Blue (58%)

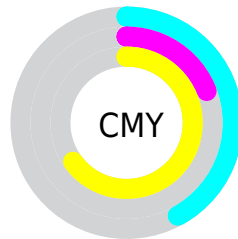


Cyan (29%)

Magenta (0%)

Yellow (57%)

Black (19%)



Cyan (42%)

Magenta (19%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 175.4940, 2.4390, -49.7290 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 175.4940, 2.4390, -49.7290 by changing the saturation by 10% instead.

■ 175.4940, 2.4390,
-49.7290

■ 175.4940, 2.4390,
-49.7290

255.0000, -0.0000,
-0.0000

■ 147.7220, 1.7970,
-49.1070

■ 226.7550, 6.1980,
-46.2660

■ 120.6080, 2.1180,
-49.4180

■ 238.6180, 14.4940,
-31.4100

■ 93.3970, 4.0900,
-52.1180

■ 248.3880, 18.6180,
-18.0380

■ 70.0510, -6.3190,
-45.1910

■ 251.6940, 9.3090,
-9.0190

■ 44.6120, -20.9000,
-39.7480

■ 31.1110, -14.5750,
-27.7190

■ 18.7840, -8.8000,

-16.7360

■ 0.0000, 0.0000,
0.0000

■ 175.4940, 2.4390,
-49.7290

■ 175.4940, 2.4390,
-49.7290

■ 169.8110, 2.6240,
-58.5920

■ 180.8780, 1.6580,
-41.0780

■ 164.5410, 3.0840,
-66.9320

■ 186.4470, 1.7940,
-32.5260

■ 159.1570, 3.8650,
-75.5830

■ 191.8310, 1.0130,
-23.8750

■ 153.4740, 4.0500,
-84.4460

■ 197.5140, 0.8280,
-15.0120

■ 152.0070, 3.8670,
-86.6370

■ 202.8980, 0.0470,
-6.3610

■ 208.4670, 0.1830,
2.1910

■ 213.8510, -0.5980,
10.8420

■ 219.5340, -0.7830,
19.7050

■ 222.6380, 4.8560,
22.1360

Harmonies

Analogous

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



181.9750, 52.7330, -36.0910



175.4940, 2.4390, -49.7290



154.7120, -80.5000, -60.9480

Triad

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



175.4940, 2.4390, -49.7290



151.7530, -139.3300, -30.0020



176.4830, 57.1210, 38.6010

Complementary

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



175.4940, 2.4390, -49.7290



119.5060, -2.4390, 49.7290

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.



188.6060, 35.3860, 52.5540



175.4940, 2.4390, -49.7290



170.1790, -78.0350, -0.9710

Square

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



175.4940, 2.4390, -49.7290



157.0360, -141.8050, -34.7090



191.3620, -2.5740, 35.6500



176.3280, 72.7140, 14.8100

Rectangle

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



175.4940, 2.4390, -49.7290



149.1870, -118.3260, -58.2460



191.3620, -2.5740, 35.6500



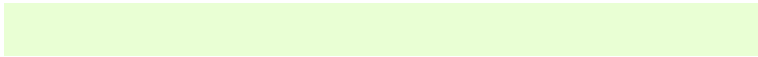
178.7630, 50.7010, 44.8210

Sweetspot

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



175.4940, 2.4390, -49.7290



243.5200, 0.6910, -18.0370



158.8010, 54.4240, -6.1520



121.1490, 0.5980, -10.8420



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.



175.4940, 2.4390, -49.7290



208.3250, 3.4520, -73.6040



157.8530, -32.7250, -62.2370



101.9520, -0.0450, -4.6930



123.4330, 3.2680, -70.2680



30.0470, 0.6450, -17.2030

Inverse Universe

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



119.5060, -2.4390, 49.7290



125.6750, -3.4520, 73.6040



137.1470, 32.7250, 62.2370



96.7490, -0.5510, 4.4810



44.5670, -3.2680, 70.2680



10.9530, -0.6450, 17.2030

Previews

White Background



This preview shows how the YIQ color 175.4940, 2.4390, -49.7290 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 175.4940, 2.4390, -49.7290 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

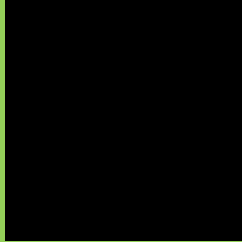
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 175.4940, 2.4390, -49.7290

Background



This preview shows how black text looks on a background with the YIQ color 175.4940, 2.4390, -49.7290.



This preview shows how white text looks on a background with the YIQ color 175.4940, 2.4390, -49.7290.

-49.7290.

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

175.4940, 2.4390, -49.7290

Protanopia

183.7820, 46.2670, -29.0370

Deuteranopia

186.1570, 58.8730, -15.1990



Tritanopia

186.8540, -23.0160, -1.3840

Trichromacy



Original Color

175.4940, 2.4390, -49.7290

Protanomaly

180.6550, 30.2670, -36.4290

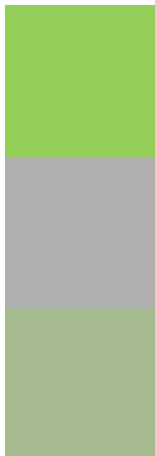
Deuteranomaly

182.4160, 38.6100, -27.9340

Tritanomaly

182.9790, -13.8430, -18.9550

Monochromacy



Original Color

175.4940, 2.4390, -49.7290

Achromatopsia

175.0000, -0.0000, -0.0000

Achromatomaly

175.4060, 1.0120, -18.3480

CSS Examples

Text

The CSS property to change the color of the text to YIQ 175.4940, 2.4390, -49.7290 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(147, 207, 88)` looks like.

```
.text, #text, p{  
    color:rgb(147, 207, 88)  
}
```

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(147, 207, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 207, 88) }
```

Border

The CSS property to change the border of an element to YIQ 175.4940, 2.4390, -49.7290 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(147, 207, 88) }
```


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

```
.border{ border-color:rgb(147, 207, 88) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 207, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 207, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 207, 88);  
box-shadow:4px 4px 4px 4px rgb(147, 207,  
88) }
```

Background

The CSS property to change the background color of an element to YIQ 175.4940, 2.4390, -49.7290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 207, 88) }
```

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

```
.background{ background-color: rgb(147,  
207, 88) }
```

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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