

Converting Colors

YIQ(193.2350, -12.8290,
-48.3570)

Have a look what the booklet for
YIQ(193.2350, -12.8290, -48.3570)
contains.

YIQ(193.2350, -12.8290, -48.3570)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(193.2350, -12.8290,
-48.3570)**

Conversions

Conversions Part 1

Format	Color
Hex	97E47D
RGB	151, 228, 125
RGB Percent	59%, 89%, 49%
CMY	0.4081, 0.1057, 0.5098
CMYK	0.34, 0.00, 0.45, 0.11
HSL	105°, 66%, 69%
HSV	105°, 45%, 89%
XYZ	44.2052, 63.5586, 29.3427
YIQ	193.2350, -12.8290, -48.3570

Conversions

Conversions Part 2

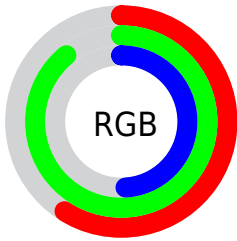
Format	Color
RYB	125, 228, 202
Decimal	9954429
CIELab	83.74, -42.50, 42.77
CIELCh	84, 60.301, 134.819
Yxy	63.5586, 0.3224, 0.4636
Android (android.graphics.Color)	4288144509 (0xFF97E47D)
YUV	193.2350, -33.6399, -37.0401
Hunter-Lab	79.7236, -40.5417, 33.9846

Details

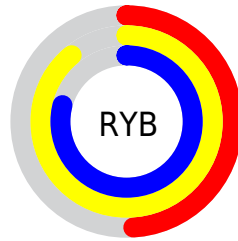
The YIQ color **193.2350, -12.8290, -48.3570** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **159.7650, 12.8290, 48.3570**, and the grayscale version is **194.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **232.2830, -3.6160, -33.6000**, and **137.9900, -13.5170, -46.9010** is the 20% darker color. If you saturate the color by 10%, you get **185.5300, -15.5780, -59.1140**, and if you desaturate by 10%, it is **200.9400, -10.0800, -37.6000**.

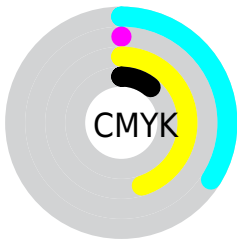
Distribution



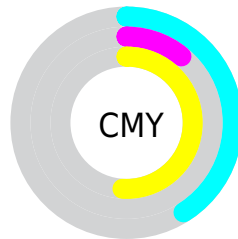
- Red (59%)
- Green (89%)
- Blue (49%)



- Red (49%)
- Yellow (89%)
- Blue (79%)



- Cyan (34%)
- Magenta (0%)
- Yellow (45%)
- Black (11%)



- Cyan (41%)
- Magenta (11%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 193.2350, -12.8290, -48.3570 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 193.2350, -12.8290, -48.3570 by changing the saturation by 10% instead.

■ 193.2350,
-12.8290, -48.3570

■ 193.2350,
-12.8290, -48.3570

■ 255.0000, -0.0000,
-0.0000

■ 165.4630,
-13.4710, -47.7350

■ 232.2830, -3.6160,
-33.6000

■ 137.9900,
-13.5170, -46.9010

■ 244.1460, 4.6800,
-18.7440

■ 110.9190,
-14.7550, -46.4910

■ 252.8340, 6.0990,
-5.9090

■ 84.0220, -16.5430,
-47.1270

■ 55.1780, -25.8500,
-49.1620

■ 40.5030, -18.9750,
-36.0870

■ 27.0020, -12.6500,

-24.0580

■ 12.3270, -5.7750,
-10.9830

■ 0.0000, 0.0000,
0.0000

■ 193.2350,
-12.8290, -48.3570

■ 193.2350,
-12.8290, -48.3570

■ 185.5300,
-15.5780, -59.1140

■ 200.9400,
-10.0800, -37.6000

■ 177.8250,
-18.3270, -69.8710

■ 208.6450, -7.3310,
-26.8430

■ 170.2340,
-21.3970, -80.3170

■ 216.2360, -4.2610,
-16.3970

■ 162.5290,
-24.1460, -91.0740

■ 223.9410, -1.5120,
-5.6400

■ 154.8240,
-26.8950, -101.8310

■ 231.6460, 1.2370,
5.1170

■ 150.8790,
-28.7280, -107.1600

■ 238.5530, 6.2330,
13.6970

■ 239.1510, 7.4250,
14.1210

Harmonies

Analogous

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



200.6190, 39.1160, -37.1080



193.2350, -12.8290, -48.3570



173.0620, -93.1090, -58.2050

Triad

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



193.2350, -12.8290, -48.3570



159.9710, -143.1800, -37.3240



191.6140, 48.9620, 26.7700

Complementary

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



193.2350, -12.8290, -48.3570



159.7650, 12.8290, 48.3570

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.



199.8730, 29.8400, 42.9280



193.2350, -12.8290, -48.3570



198.4410, -40.4860, 6.8580

Square

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



193.2350, -12.8290, -48.3570



166.4280, -146.2050, -43.0770



210.9420, 16.2240, 36.3840



193.9040, 61.8040, 3.2760

Rectangle

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



193.2350, -12.8290, -48.3570



164.3300, -134.7860, -57.2980



210.9420, 16.2240, 36.3840



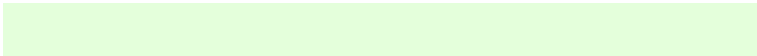
193.1930, 43.1380, 33.2020

Sweetspot

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



193.2350, -12.8290, -48.3570



242.8230, -4.5360, -16.9200



200.4090, 40.4880, -17.9120



120.4090, -3.0700, -10.4460



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.



193.2350, -12.8290, -48.3570



208.4710, -17.0900, -64.7540



188.1970, -36.0290, -46.4050



110.9410, -1.5120, -5.6400



118.5280, -22.4050, -84.0770



33.8240, -6.2770, -23.9170

Inverse Universe

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



159.7650, 12.8290, 48.3570



163.5290, 17.0900, 64.7540



164.8030, 36.0290, 46.4050



107.0590, 1.5120, 5.6400



60.4720, 22.4050, 84.0770



17.1760, 6.2770, 23.9170

Previews

White Background



This preview shows how the YIQ color 193.2350, -12.8290, -48.3570 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 193.2350, -12.8290, -48.3570 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 193.2350, -12.8290, -48.3570 Background



This preview shows how black text looks on a background with the YIQ color 193.2350, -12.8290, -48.3570.



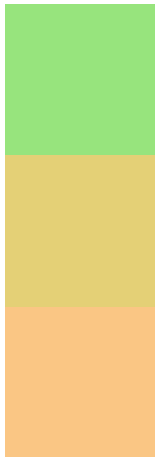
This preview shows how white text looks on a background with the YIQ color 193.2350, -12.8290, -48.3570.

-48.3570.

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

193.2350, -12.8290, -48.3570

Protanopia

203.7200, 40.8100, -23.7500

Deuteranopia

206.0240, 52.1780, -9.5020



Tritanopia

203.8850, -33.4690, -4.6770

Trichromacy



Original Color

193.2350, -12.8290, -48.3570

Protanomaly

199.7990, 21.2340, -32.4140

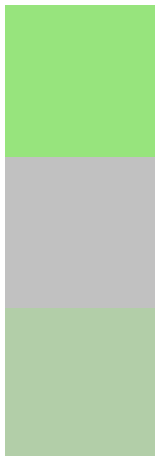
Deuteranomaly

201.3750, 28.6600, -23.8200

Tritanomaly

199.6940, -26.2220, -20.3820

Monochromacy



Original Color

193.2350, -12.8290, -48.3570

Achromatopsia

193.0000, -0.0000, -0.0000

Achromatomaly

193.2960, -4.4900, -17.7540

CSS Examples

Text

The CSS property to change the color of the text to YIQ 193.2350, -12.8290, -48.3570 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(151, 228, 125)` looks like.

```
.text, #text, p{  
    color:rgb(151, 228, 125)  
}
```

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(151, 228, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 228, 125) }
```

Border

The CSS property to change the border of an element to YIQ 193.2350, -12.8290, -48.3570 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(151, 228, 125) }
```


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

```
.border{ border-color:rgb(151, 228, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 228, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 228, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 228, 125);  
box-shadow:4px 4px 4px 4px rgb(151, 228,  
125) }
```

Background

The CSS property to change the background color of an element to YIQ 193.2350, -12.8290, -48.3570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 228, 125) }
```

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

```
.background{ background-color: rgb(151,  
228, 125) }
```

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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