

Converting Colors

YIQ(199.8830, -15.0740,
-57.2340)

Have a look what the booklet for
YIQ(199.8830, -15.0740, -57.2340)
contains.

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Color

**YIQ(199.8830, -15.0740,
-57.2340)**

Conversions

Conversions Part 1

Format	Color
Hex	96F177
RGB	150, 241, 119
RGB Percent	59%, 95%, 47%
CMY	0.4121, 0.0547, 0.5333
CMYK	0.38, 0.00, 0.51, 0.05
HSL	105°, 81%, 71%
HSV	105°, 51%, 95%
XYZ	47.3608, 70.7421, 28.6140
YIQ	199.8830, -15.0740, -57.2340

Conversions

Conversions Part 2

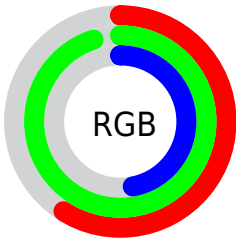
Format	Color
RYB	119, 241, 210
Decimal	9892215
CIELab	87.36, -49.12, 50.10
CIELCh	87, 70.162, 134.433
Yxy	70.7421, 0.3228, 0.4822
Android (android.graphics.Color)	4288082295 (0xFF96F177)
YUV	199.8830, -39.8753, -43.7474
Hunter-Lab	84.1083, -46.6776, 38.7052

Details

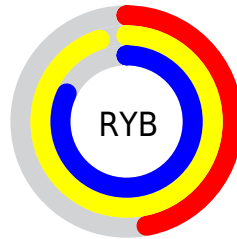
The YIQ color **199.8830, -15.0740, -57.2340** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **160.1170, 15.0740, 57.2340**, and the grayscale version is **200.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **231.5990, -1.6900, -35.4660**, and **143.3390, -16.3580, -55.9900** is the 20% darker color. If you saturate the color by 10%, you get **191.7650, -18.0980, -68.5140**, and if you desaturate by 10%, it is **208.0010, -12.0500, -45.9540**.

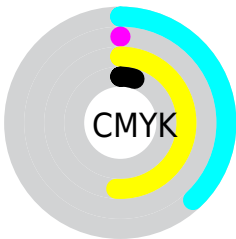
Distribution



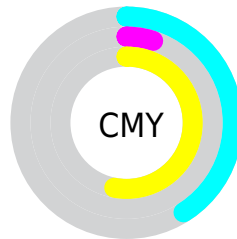
- Red (59%)
- Green (95%)
- Blue (47%)



- Red (47%)
- Yellow (95%)
- Blue (82%)



- Cyan (38%)
- Magenta (0%)
- Yellow (51%)
- Black (5%)



- Cyan (41%)
- Magenta (5%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 199.8830, -15.0740, -57.2340 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 199.8830, -15.0740, -57.2340 by changing the saturation by 10% instead.

■ 199.8830,
-15.0740, -57.2340

■ 199.8830,
-15.0740, -57.2340

■ 255.0000, -0.0000,
-0.0000

■ 171.2250,
-16.0370, -56.3010

■ 231.7130, -2.0110,
-35.1550

■ 143.3390,
-16.3580, -55.9900

■ 243.5760, 6.2850,
-20.2990

■ 115.4420,
-18.1460, -56.6260

■ 252.1500, 8.0250,
-7.7750

■ 85.4370, -19.7500,
-60.5980

■ 61.0480, -28.6000,
-54.3920

■ 46.3730, -21.7250,
-41.3170

■ 32.2850, -15.1250,

-28.7650

■ 19.3710, -9.0750,
-17.2590

■ 0.0000, 0.0000,
0.0000

■ 199.8830,
-15.0740, -57.2340

■ 199.8830,
-15.0740, -57.2340

■ 191.7650,
-18.0980, -68.5140

■ 208.0010,
-12.0500, -45.9540

■ 183.6470,
-21.1220, -79.7940

■ 216.1190, -9.0260,
-34.6740

■ 175.5290,
-24.1460, -91.0740

■ 224.2370, -6.0020,
-23.3940

■ 167.4110,
-27.1700, -102.3540

■ 232.3550, -2.9780,
-12.1140

■ 159.7060,
-29.9190, -113.1110

■ 240.5870, -0.2750,
-0.5230

■ 246.7820, 3.8500,
7.3220

Harmonies

Analogous

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



209.1710, 45.9490, -45.3070



199.8830, -15.0740, -57.2340



167.3840, -126.8510, -74.4590

Triad

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



199.8830, -15.0740, -57.2340



167.6020, -146.7550, -44.1230



191.7110, 47.3110, 29.1590

Complementary

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



199.8830, -15.0740, -57.2340



160.1170, 15.0740, 57.2340

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.



202.1700, 24.7500, 47.0700



199.8830, -15.0740, -57.2340



202.8160, -46.2160, 0.5680

Square

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



199.8830, -15.0740, -57.2340



174.6460, -150.0550, -50.3990



215.6710, 18.4250, 35.0410



194.7360, 62.2170, 1.2970

Rectangle

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



199.8830, -15.0740, -57.2340



173.8020, -142.1670, -61.1990



215.6710, 18.4250, 35.0410



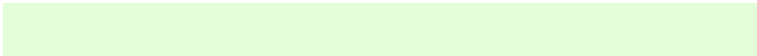
193.7460, 40.2030, 36.8350

Sweetspot

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



199.8830, -15.0740, -57.2340



241.9970, -5.0860, -17.9660



208.3080, 47.9620, -21.2060



119.9960, -3.3450, -10.9690



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.



199.8830, -15.0740, -57.2340



202.5320, -19.0600, -73.1080



193.8060, -42.5380, -55.0980



115.9410, -1.5120, -5.6400



122.0610, -22.5880, -86.2680



37.0580, -7.0560, -26.3200

Inverse Universe

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



160.1170, 15.0740, 57.2340



151.7670, 19.6560, 73.3200



166.1940, 42.5380, 55.0980



112.0590, 1.5120, 5.6400



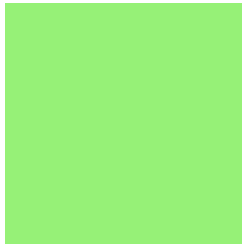
61.9390, 22.5880, 86.2680



18.9420, 7.0560, 26.3200

Previews

White Background



This preview shows how the YIQ color 199.8830, -15.0740, -57.2340 looks on a white background.

Color Contrast Check

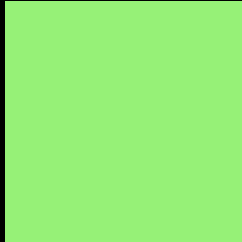
Large Text (above 18pt) WCAG AA × Fail

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 199.8830, -15.0740, -57.2340 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 199.8830, -15.0740, -57.2340 Background



This preview shows how black text looks on a background with the YIQ color 199.8830, -15.0740, -57.2340.



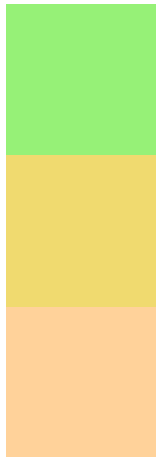
This preview shows how white text looks on a background with the YIQ color 199.8830, -15.0740, -57.2340.

-57.2340.

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

199.8830, -15.0740, -57.2340

Protanopia

212.3800, 47.4590, -28.6130

Deuteranopia

217.0710, 44.7960, -7.8760



Tritanopia

212.6070, -38.5580, -6.0620

Trichromacy



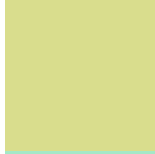
Original Color

199.8830, -15.0740, -57.2340



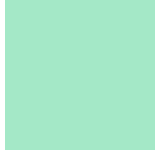
Protanomaly

207.5510, 24.6280, -38.8600



Deuteranomaly

210.6840, 23.2960, -25.7280



Tritanomaly

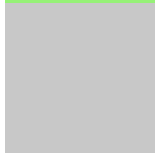
207.9060, -29.9350, -24.6790

Monochromacy



Original Color

199.8830, -15.0740, -57.2340



Achromatopsia

200.0000, -0.0000, -0.0000



Achromatomaly

200.1170, -5.5440, -20.6800

CSS Examples

Text

The CSS property to change the color of the text to YIQ 199.8830, -15.0740, -57.2340 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(150, 241, 119)` looks like.

```
.text, #text, p{  
    color:rgb(150, 241, 119)  
}
```

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(150, 241, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 241, 119) }
```

Border

The CSS property to change the border of an element to YIQ 199.8830, -15.0740, -57.2340 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(150, 241, 119) }
```


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

```
.border{ border-color:rgb(150, 241, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 241, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(150, 241, 119); -webkit-box-shadow:4px 4px 4px 4px rgb(150, 241, 119); box-shadow:4px 4px 4px 4px rgb(150, 241, 119) }
```

Background

The CSS property to change the background color of an element to YIQ 199.8830, -15.0740, -57.2340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 241, 119) }
```

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

```
.background{ background-color: rgb(150,  
241, 119) }
```

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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