

Converting Colors

YIQ(198.2700, -11.9100,
-59.5100)

Have a look what the booklet for
YIQ(198.2700, -11.9100, -59.5100)
contains.

YIQ(198.2700, -11.9100, -59.5100)	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(198.2700, -11.9100,
-59.5100)**

Conversions

Conversions Part 1

Format	Color
Hex	96F06E
RGB	150, 240, 110
RGB Percent	59%, 94%, 43%
CMY	0.4121, 0.0587, 0.5686
CMYK	0.38, 0.00, 0.54, 0.06
HSL	102°, 81%, 69%
HSV	102°, 54%, 94%
XYZ	46.5502, 69.9452, 25.8031
YIQ	198.2700, -11.9100, -59.5100

Conversions

Conversions Part 2

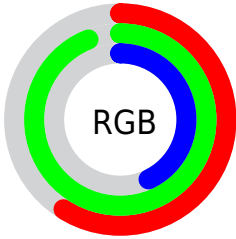
Format	Color
RYB	110, 240, 200
Decimal	9891950
CIELab	86.97, -49.71, 53.77
CIElCh	87, 73.229, 132.756
Yxy	69.9452, 0.3271, 0.4915
Android (android.graphics.Color)	4288082030 (0xFF96F06E)
YUV	198.2700, -43.5171, -42.3328
Hunter-Lab	83.6333, -47.0053, 40.2508

Details

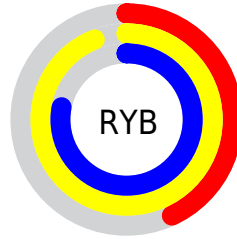
The YIQ color **198.2700, -11.9100, -59.5100** is a light color, and the websafe version is hex **99FF66**. A complement of this color would be **151.7300, 11.9100, 59.5100**, and the grayscale version is **199.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **230.6870, 0.8780, -37.9540**, and **141.6120, -12.8730, -58.5770** is the 20% darker color. If you saturate the color by 10%, you get **190.4510, -14.3380, -70.5780**, and if you desaturate by 10%, it is **206.0890, -9.4820, -48.4420**.

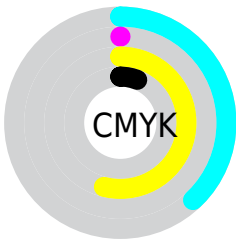
Distribution



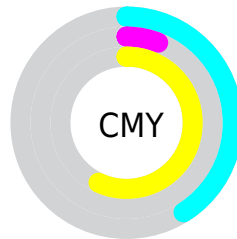
- Red (59%)
- Green (94%)
- Blue (43%)



- Red (43%)
- Yellow (94%)
- Blue (78%)



- Cyan (38%)
- Magenta (0%)
- Yellow (54%)
- Black (6%)



- Cyan (41%)
- Magenta (6%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 198.2700, -11.9100, -59.5100 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 198.2700, -11.9100, -59.5100 by changing the saturation by 10% instead.

■ 198.2700,
-11.9100, -59.5100

■ 198.2700,
-11.9100, -59.5100

■ 255.0000, -0.0000,
-0.0000

■ 169.4980,
-12.5520, -58.8880

■ 230.6870, 0.8780,
-37.9540

■ 141.6120,
-12.8730, -58.5770

■ 242.8490, 9.7700,
-22.8860

■ 113.4870,
-14.0190, -59.8350

■ 251.1240, 10.9140,
-10.5740

■ 84.0950, -18.7870,
-61.5310

■ 254.4300, 1.6050,
-1.5550

■ 60.4610, -28.3250,
-53.8690

■ 45.7860, -21.4500,
-40.7940

■ 31.6980, -14.8500,

-28.2420

■ 18.7840, -8.8000,
-16.7360

■ 0.0000, 0.0000,
0.0000

■ 198.2700,
-11.9100, -59.5100

■ 198.2700,
-11.9100, -59.5100

■ 190.4510,
-14.3380, -70.5780

■ 206.0890, -9.4820,
-48.4420

■ 182.9310,
-16.1700, -81.4340

■ 213.6090, -7.6500,
-37.5860

■ 175.1120,
-18.5980, -92.5020

■ 221.4280, -5.2220,
-26.5180

■ 167.2930,
-21.0260, -103.5700

■ 228.9480, -3.3900,
-15.6620

■ 163.0060,
-21.8960, -109.8320

■ 236.7670, -0.9620,
-4.5940

■ 244.5860, 1.4660,
6.4740

■ 246.1950, 4.1250,
7.8450

Harmonies

Analogous

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



207.4550, 50.9010, -46.9470



198.2700, -11.9100, -59.5100



165.9990, -124.3290, -76.1130

Triad

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



198.2700, -11.9100, -59.5100



168.1890, -147.0300, -44.6460



189.0040, 48.0440, 32.3960

Complementary

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



198.2700, -11.9100, -59.5100



151.7300, 11.9100, 59.5100

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.



199.8220, 25.8500, 49.1620



198.2700, -11.9100, -59.5100



198.0320, -55.7520, -2.8240

Square

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



198.2700, -11.9100, -59.5100



174.6460, -150.0550, -50.3990



215.0840, 18.7000, 35.5640



192.1600, 63.9590, 2.7670

Rectangle

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



198.2700, -11.9100, -59.5100



173.2320, -140.5620, -62.7540



215.0840, 18.7000, 35.5640



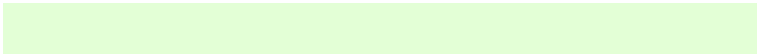
191.0390, 40.9360, 40.0720

Sweetspot

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



198.2700, -11.9100, -59.5100



241.9540, -3.5270, -18.6870



201.1130, 53.0050, -18.9870



120.0670, -2.1070, -11.3790



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.



198.2700, -11.9100, -59.5100



201.6910, -15.2540, -76.0060



189.0460, -43.4540, -60.5260



116.2400, -0.9160, -5.4280



124.7520, -17.2240, -84.3600



37.9550, -5.2680, -25.6840

Inverse Universe

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



151.7300, 11.9100, 59.5100



142.3090, 15.2540, 76.0060



160.9540, 43.4540, 60.5260



111.7600, 0.9160, 5.4280



58.9490, 16.6280, 84.1480



18.0450, 5.2680, 25.6840

Previews

White Background



This preview shows how the YIQ color 198.2700, -11.9100, -59.5100 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 198.2700, -11.9100, -59.5100 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

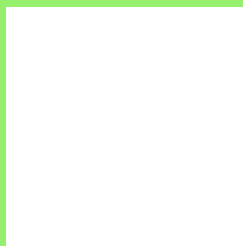
Any Text WCAG AAA ✓ Pass

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

YIQ 198.2700, -11.9100, -59.5100 Background



This preview shows how black text looks on a background with the YIQ color 198.2700, -11.9100, -59.5100.



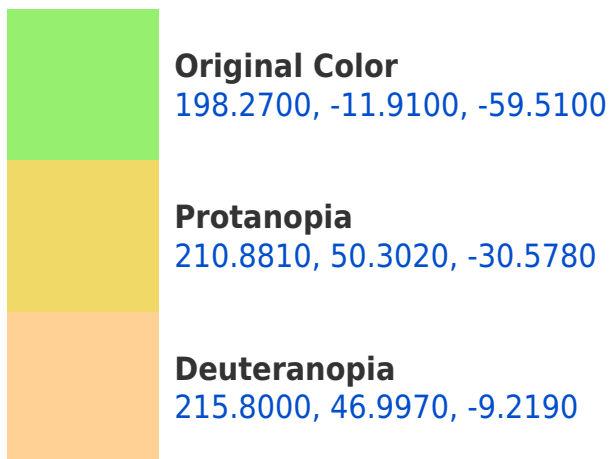
This preview shows how white text looks on a background with the YIQ color 198.2700, -11.9100, -59.5100.

-59.5100.

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





Tritanopia

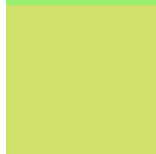
211.9060, -37.9620, -5.8500

Trichromacy



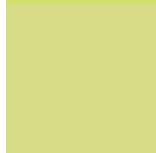
Original Color

198.2700, -11.9100, -59.5100



Protanomaly

206.0520, 27.4710, -40.8250



Deuteranomaly

209.2990, 25.8180, -27.3820



Tritanomaly

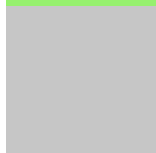
206.8630, -28.3760, -25.4000

Monochromacy



Original Color

198.2700, -11.9100, -59.5100



Achromatopsia

198.0000, -0.0000, 0.0000



Achromatomaly

198.0740, -3.9850, -21.4010

CSS Examples

Text

The CSS property to change the color of the text to YIQ 198.2700, -11.9100, -59.5100 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, 240, 110)` looks like.

```
.text, #text, p{  
    color:rgb(150, 240, 110)  
}
```

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, 240, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 240, 110) }
```

Border

The CSS property to change the border of an element to YIQ 198.2700, -11.9100, -59.5100 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, 240, 110) }
```


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

```
.border{ border-color:rgb(150, 240, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 240, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 240, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 240, 110);  
box-shadow:4px 4px 4px 4px rgb(150, 240,  
110) }
```

Background

The CSS property to change the background color of an element to YIQ 198.2700, -11.9100, -59.5100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 240, 110) }
```

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

```
.background{ background-color: rgb(150,  
240, 110) }
```

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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