

Converting Colors

YIQ(207.9550, 11.9270,
-34.4490)

Have a look what the booklet for
YIQ(207.9550, 11.9270, -34.4490)
contains.

YIQ(207.9550, 11.9270, -34.4490)	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(207.9550, 11.9270,
-34.4490)**

Conversions

Conversions Part 1

Format	Color
Hex	C6E388
RGB	198, 227, 136
RGB Percent	78%, 89%, 53%
CMY	0.2237, 0.1097, 0.4665
CMYK	0.13, 0.00, 0.40, 0.11
HSL	79°, 62%, 71%
HSV	79°, 40%, 89%
XYZ	55.1987, 68.7245, 33.6596
YIQ	207.9550, 11.9270, -34.4490

Conversions

Conversions Part 2

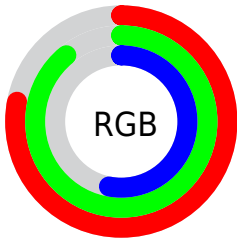
Format	Color
RYB	136, 227, 165
Decimal	13034376
CIELab	86.37, -24.08, 41.26
CIELCh	86, 47.777, 120.268
Yxy	68.7245, 0.3503, 0.4361
Android (android.graphics.Color)	4291224456 (0xFFC6E388)
YUV	207.9550, -35.4738, -8.7305
Hunter-Lab	82.9003, -26.2222, 33.9569

Details

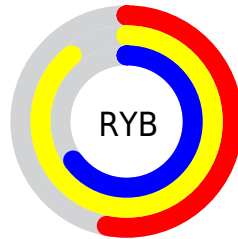
The YIQ color **207.9550, 11.9270, -34.4490** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **155.0450, -11.9270, 34.4490**, and the grayscale version is **208.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **247.5900, 20.8650, -20.2150**, and **153.2970, 10.9640, -33.5160** is the 20% darker color. If you saturate the color by 10%, you get **203.2400, 15.1380, -43.0860**, and if you desaturate by 10%, it is **212.6700, 8.7160, -25.8120**.

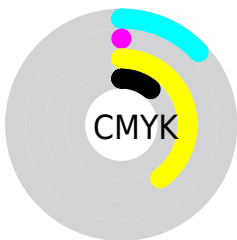
Distribution



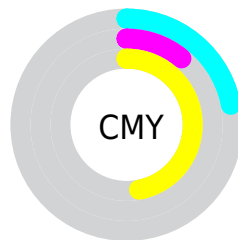
- Red (78%)
- Green (89%)
- Blue (53%)



- Red (53%)
- Yellow (89%)
- Blue (65%)



- Cyan (13%)
- Magenta (0%)
- Yellow (40%)
- Black (11%)



- Cyan (22%)
- Magenta (11%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 207.9550, 11.9270, -34.4490 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 207.9550, 11.9270, -34.4490 by changing the saturation by 10% instead.

■ 207.9550, 11.9270,
-34.4490

■ 207.9550, 11.9270,
-34.4490

■ 255.0000, -0.0000,
-0.0000

■ 180.1830, 11.2850,
-33.8270

■ 247.5900, 20.8650,
-20.2150

■ 153.2970, 10.9640,
-33.5160

■ 250.8960, 11.5560,
-11.1960

■ 126.5250, 10.3220,
-32.8940

■ 254.2020, 2.2470,
-2.1770

■ 100.6390, 10.0010,
-32.5830

■ 75.1830, 11.2850,
-33.8270

■ 53.9360, 4.9110,
-28.4410

■ 32.3620, -4.8560,

-22.1360

■ 17.0230, -7.9750,
-15.1670

■ 0.0000, 0.0000,
0.0000

■ 207.9550, 11.9270,
-34.4490

■ 207.9550, 11.9270,
-34.4490

■ 203.2400, 15.1380,
-43.0860

■ 212.6700, 8.7160,
-25.8120

■ 198.3400, 17.4320,
-51.6240

■ 217.2710, 5.8260,
-17.4860

■ 193.6250, 20.6430,
-60.2610

■ 222.2850, 3.2110,
-8.6370

■ 188.9100, 23.8540,
-68.8980

■ 227.0000, -0.0000,
-0.0000

■ 184.3090, 26.7440,
-77.2240

■ 231.7150, -3.2110,
8.6370

■ 179.5940, 29.9550,
-85.8610

■ 234.3780, -0.6440,
11.6760

■ 236.7700, 4.1240,
13.3720

■ 238.5640, 7.7000,
14.6440

Harmonies

Analogous

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



213.0090, 47.3660, -21.4180



207.9550, 11.9270, -34.4490



200.6690, -34.2420, -40.2420

Triad

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



207.9550, 11.9270, -34.4490



181.3890, -114.9380, -31.5300



206.6430, 32.8230, 27.4070

Complementary

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



207.9550, 11.9270, -34.4490



155.0450, -11.9270, 34.4490

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.



215.6710, 18.4250, 35.0410



207.9550, 11.9270, -34.4490



202.4620, -54.1470, -4.3790

Square

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



207.9550, 11.9270, -34.4490



169.3630, -147.5800, -45.6920



214.8970, -6.2390, 19.4650



203.9750, 45.8470, 11.6310

Rectangle

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



207.9550, 11.9270, -34.4490



192.8790, -70.0040, -41.9080



214.8970, -6.2390, 19.4650



209.6410, 27.1370, 31.3370

Sweetspot

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



207.9550, 11.9270, -34.4490



248.4760, 3.9910, -11.7610



180.2320, 46.2610, 4.1250



124.1540, 2.2020, -6.8700



0.0000, 0.0000, 0.0000



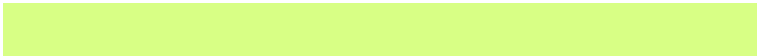
128.0000, -0.0000, -0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



207.9550, 11.9270, -34.4490



229.4310, 15.9180, -46.2100



194.5000, -14.8930, -43.9890



112.4360, 1.4680, -4.5800



141.5510, 23.4870, -67.7530



40.4020, 6.8350, -19.2530

Inverse Universe

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



155.0450, -11.9270, 34.4490



158.5690, -15.9180, 46.2100



168.5000, 14.8930, 43.9890



105.5640, -1.4680, 4.5800



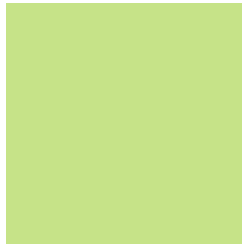
37.4490, -23.4870, 67.7530



10.5980, -6.8350, 19.2530

Previews

White Background



This preview shows how the YIQ color 207.9550, 11.9270, -34.4490 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 207.9550, 11.9270, -34.4490 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 207.9550, 11.9270, -34.4490

Background



This preview shows how black text looks on a background with the YIQ color 207.9550, 11.9270, -34.4490.



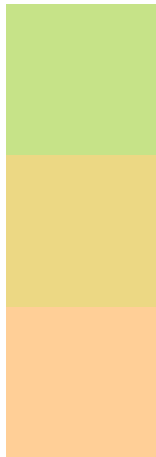
This preview shows how white text looks on a background with the YIQ color 207.9550, 11.9270, -34.4490.

-34.4490.

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



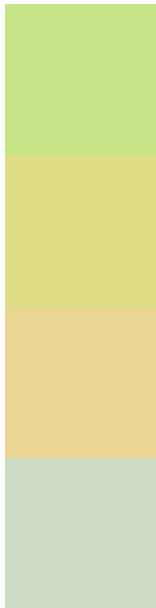
Original Color
207.9550, 11.9270, -34.4490
Protanopia
212.4040, 38.8840, -21.8840
Deuteranopia
214.9680, 46.5840, -7.2400



Tritanopia

216.4430, -8.4370, 4.2270

Trichromacy



Original Color

207.9550, 11.9270, -34.4490

Protanomaly

210.6800, 29.1190, -26.6330

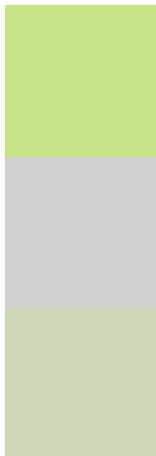
Deuteranomaly

212.2280, 33.7480, -16.9080

Tritanomaly

213.3060, -1.2820, -9.8100

Monochromacy



Original Color

207.9550, 11.9270, -34.4490

Achromatopsia

208.0000, -0.0000, -0.0000

Achromatomaly

207.9490, 4.0370, -12.5950

CSS Examples

Text

The CSS property to change the color of the text to YIQ 207.9550, 11.9270, -34.4490 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(198, 227, 136)` looks like.

```
.text, #text, p{  
    color:rgb(198, 227, 136)  
}
```

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(198, 227, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 227, 136) }
```

Border

The CSS property to change the border of an element to YIQ 207.9550, 11.9270, -34.4490 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(198, 227, 136) }
```


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

```
.border{ border-color:rgb(198, 227, 136) }
```

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

Here you see how a box with a 4 pixel rgb(198, 227, 136) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 227, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 227, 136);  
box-shadow:4px 4px 4px 4px rgb(198, 227,  
136) }
```

Background

The CSS property to change the background color of an element to YIQ 207.9550, 11.9270, -34.4490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 227, 136) }
```

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

```
.background{ background-color: rgb(198,  
227, 136) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor