

Converting Colors

YIQ(209.3490, 5.1860, -27.9180)

Have a look what the booklet for
YIQ(209.3490, 5.1860, -27.9180)
contains.

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Color

**YIQ(209.3490, 5.1860,
-27.9180)**

Conversions

Conversions Part 1

Format	Color
Hex	C5E29C
RGB	197, 226, 156
RGB Percent	77%, 89%, 61%
CMY	0.2276, 0.1137, 0.3882
CMYK	0.13, 0.00, 0.31, 0.11
HSL	85°, 55%, 75%
HSV	85°, 31%, 89%
XYZ	56.2204, 68.6666, 41.7518
YIQ	209.3490, 5.1860, -27.9180

Conversions

Conversions Part 2

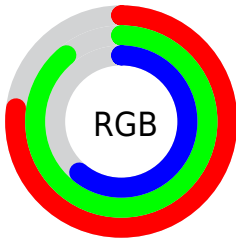
Format	Color
RYB	156, 226, 185
Decimal	12968604
CIELab	86.34, -21.40, 31.15
CIELCh	86, 37.788, 124.492
Yxy	68.6666, 0.3374, 0.4121
Android (android.graphics.Color)	4291158684 (0xFFC5E29C)
YUV	209.3490, -26.3011, -10.8301
Hunter-Lab	82.8653, -23.9100, 28.1324

Details

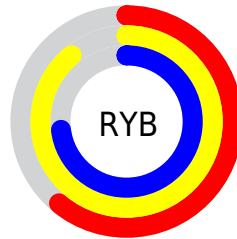
The YIQ color **209.3490, 5.1860, -27.9180** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **172.6510, -5.1860, 27.9180**, and the grayscale version is **210.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **249.6850, 13.5280, -13.8960**, and **154.6910, 4.2230, -26.9850** is the 20% darker color. If you saturate the color by 10%, you get **204.0360, 7.2050, -36.9790**, and if you desaturate by 10%, it is **214.6620, 3.1670, -18.8570**.

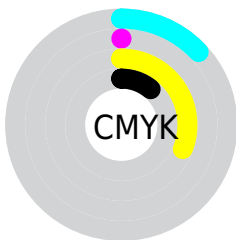
Distribution



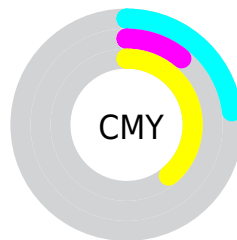
- Red (77%)
- Green (89%)
- Blue (61%)



- Red (61%)
- Yellow (89%)
- Blue (73%)



- Cyan (13%)
- Magenta (0%)
- Yellow (31%)
- Black (11%)



- Cyan (23%)
- Magenta (11%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 209.3490, 5.1860, -27.9180 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 209.3490, 5.1860, -27.9180 by changing the saturation by 10% instead.

■ 209.3490, 5.1860,
-27.9180

■ 209.3490, 5.1860,
-27.9180

255.0000, -0.0000,
-0.0000

■ 181.5770, 4.5440,
-27.2960

■ 249.6850, 13.5280,
-13.8960

■ 154.6910, 4.2230,
-26.9850

■ 253.2900, 4.8150,
-4.6650

■ 128.2180, 4.1770,
-26.1510

■ 102.7450, 4.1310,
-25.3170

■ 78.5600, 3.2140,
-25.2180

■ 54.5600, 3.2140,
-25.2180

■ 33.5690, -1.0050,

-20.3410

■ 16.4360, -7.7000,
-14.6440

■ 0.0000, 0.0000,
0.0000

■ 209.3490, 5.1860,
-27.9180

■ 209.3490, 5.1860,
-27.9180

■ 204.0360, 7.2050,
-36.9790

■ 214.6620, 3.1670,
-18.8570

■ 198.5380, 8.3070,
-45.9410

■ 220.1600, 2.0650,
-9.8950

■ 193.2250, 10.3260,
-55.0020

■ 225.4730, 0.0460,
-0.8340

■ 187.7270, 11.4280,
-63.9640

■ 230.6720, -1.6520,
7.9160

■ 182.4140, 13.4470,
-73.0250

■ 234.6880, 1.4190,
12.8350

■ 177.1010, 15.4660,
-82.0860

■ 237.3790, 6.7830,
14.7430

■ 172.1300, 16.5220,
-90.2140

■ 237.9770, 7.9750,
15.1670

Harmonies

Analogous

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



213.7720, 35.0320, -18.1520



209.3490, 5.1860, -27.9180



204.0920, -30.7590, -31.7750

Triad

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



209.3490, 5.1860, -27.9180



199.9820, -70.6510, -13.6510



211.3560, 31.9530, 21.1450

Complementary

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



209.3490, 5.1860, -27.9180



172.6510, -5.1860, 27.9180

Split Complementary

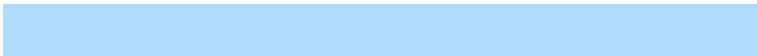
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



218.3950, 19.0220, 29.7260



209.3490, 5.1860, -27.9180



209.6600, -36.9090, 2.6030

Square

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



209.3490, 5.1860, -27.9180



195.1320, -88.9890, -22.7250



217.5770, -2.3420, 20.4260



209.7140, 42.0880, 8.1680

Rectangle

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



209.3490, 5.1860, -27.9180



199.6300, -55.7010, -31.2930



217.5770, -2.3420, 20.4260



213.3110, 27.8260, 24.3540

Sweetspot

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



209.3490, 5.1860, -27.9180



249.3880, 1.4230, -9.2730



193.3660, 34.0200, 0.1960



124.4960, 1.2390, -5.9370



0.0000, 0.0000, 0.0000



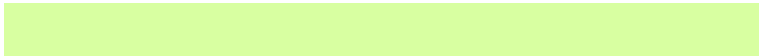
128.0000, -0.0000, -0.0000

Same Dimension

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



209.3490, 5.1860, -27.9180



232.6230, 6.9300, -37.5020



199.1830, -15.0780, -35.1260



109.5500, 1.1470, -4.2690



134.1090, 12.9880, -70.2120



36.5480, 3.4880, -19.1680

Inverse Universe

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



172.6510, -5.1860, 27.9180



183.3770, -6.9300, 37.5020



182.8170, 15.0780, 35.1260



103.7490, -0.5510, 4.4810



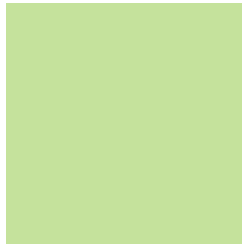
41.8910, -12.9880, 70.2120



11.4520, -3.4880, 19.1680

Previews

White Background



This preview shows how the YIQ color 209.3490, 5.1860, -27.9180 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 209.3490, 5.1860, -27.9180 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 209.3490, 5.1860, -27.9180

Background



This preview shows how black text looks on a background with the YIQ color 209.3490, 5.1860, -27.9180.



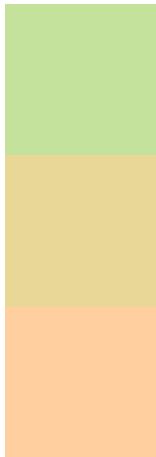
This preview shows how white text looks on a background with the YIQ color 209.3490, 5.1860, -27.9180.

-27.9180.

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

209.3490, 5.1860, -27.9180

Protanopia

213.2000, 30.9510, -15.7770

Deuteranopia

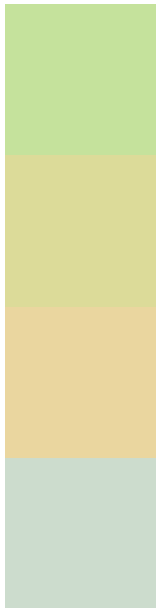
215.9940, 43.6950, -4.4410



Tritanopia

215.5460, -10.2250, 3.5910

Trichromacy



Original Color

209.3490, 5.1860, -27.9180

Protanomaly

211.7750, 21.7820, -20.3140

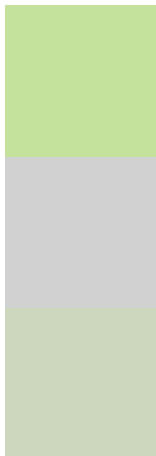
Deuteranomaly

213.7100, 29.5750, -12.8650

Tritanomaly

213.5060, -4.7210, -8.0570

Monochromacy



Original Color

209.3490, 5.1860, -27.9180

Achromatopsia

209.0000, 0.0000, 0.0000

Achromatomaly

209.1600, 2.0650, -9.8950

CSS Examples

Text

The CSS property to change the color of the text to YIQ 209.3490, 5.1860, -27.9180 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(197, 226, 156)` looks like.

```
.text, #text, p{  
    color:rgb(197, 226, 156)  
}
```

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(197, 226, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 226, 156) }
```

Border

The CSS property to change the border of an element to YIQ 209.3490, 5.1860, -27.9180 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(197, 226, 156) }
```


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

```
.border{ border-color:rgb(197, 226, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 226, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 226, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 226, 156);  
box-shadow:4px 4px 4px 4px rgb(197, 226,  
156) }
```

Background

The CSS property to change the background color of an element to YIQ 209.3490, 5.1860, -27.9180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 226, 156) }
```

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

```
.background{ background-color: rgb(197,  
226, 156) }
```

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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