

Converting Colors

YIQ(209.5510, -0.5940,
-11.2660)

Have a look what the booklet for
YIQ(209.5510, -0.5940, -11.2660)
contains.

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Color

**YIQ(209.5510, -0.5940,
-11.2660)**

Conversions

Conversions Part 1

Format	Color
Hex	CAD9BF
RGB	202, 217, 191
RGB Percent	79%, 85%, 75%
CMY	0.2079, 0.1490, 0.2510
CMYK	0.07, 0.00, 0.12, 0.15
HSL	95°, 25%, 80%
HSV	95°, 12%, 85%
XYZ	58.5725, 65.9454, 58.9345
YIQ	209.5510, -0.5940, -11.2660

Conversions

Conversions Part 2

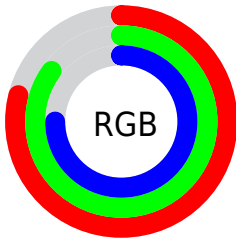
Format	Color
RYB	191, 217, 206
Decimal	13294015
CIELab	84.97, -9.72, 11.09
CIELCh	85, 14.748, 131.230
Yxy	65.9454, 0.3193, 0.3595
Android (android.graphics.Color)	4291484095 (0xFFCAD9BF)
YUV	209.5510, -9.1456, -6.6222
Hunter-Lab	81.2068, -13.3642, 13.8160

Details

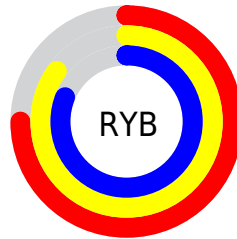
The YIQ color $209.5510, -0.5940, -11.2660$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $198.4490, 0.5940, 11.2660$, and the grayscale version is $210.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $254.0880, 2.5680, -2.4880$, and $155.0780, -0.6400, -10.4320$ is the 20% darker color. If you saturate the color by 10%, you get $203.1560, -1.2800, -20.8640$, and if you desaturate by 10%, it is $215.9460, 0.0920, -1.6680$.

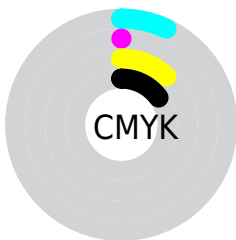
Distribution



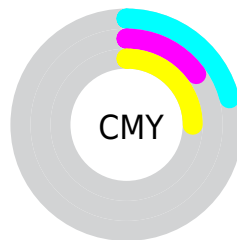
- Red (79%)
- Green (85%)
- Blue (75%)



- Red (75%)
- Yellow (85%)
- Blue (81%)



- Cyan (7%)
- Magenta (0%)
- Yellow (12%)
- Black (15%)



- Cyan (21%)
- Magenta (15%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 209.5510, -0.5940, -11.2660 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 209.5510, -0.5940, -11.2660 by changing the saturation by 10% instead.

■ 209.5510, -0.5940,
-11.2660

■ 209.5510, -0.5940,
-11.2660

■ 255.0000, -0.0000,
-0.0000

■ 181.9640, -0.3190,
-10.7430

■ 254.0880, 2.5680,
-2.4880

■ 155.0780, -0.6400,
-10.4320

■ 129.0780, -0.6400,
-10.4320

■ 104.1920, -0.9610,
-10.1210

■ 79.6050, -0.6860,
-9.5980

■ 56.7190, -1.0070,
-9.2870

■ 35.2460, -1.0530,

-8.4530

■ 13.2240, -3.9870,
-10.3470

■ 0.0000, 0.0000,
0.0000

■ 209.5510, -0.5940,
-11.2660

■ 209.5510, -0.5940,
-11.2660

■ 203.1560, -1.2800,
-20.8640

■ 215.9460, 0.0920,
-1.6680

■ 197.1740, -1.6910,
-29.9390

■ 221.9280, 0.5030,
7.4070

■ 190.7790, -2.3770,
-39.5370

■ 228.2090, 1.5100,
16.6940

■ 184.6830, -2.4670,
-48.9230

■ 231.7970, 8.6620,
19.2380

■ 178.4020, -3.4740,
-58.2100

■ 232.6940, 10.4500,
19.8740

■ 172.3060, -3.5640,
-67.5960

■ 165.9110, -4.2500,
-77.1940

■ 159.8150, -4.3400,
-86.5800

■ 154.8870, -4.8430,
-93.9870

Harmonies

Analogous

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



211.3030, 11.9680, -7.6480



209.5510, -0.5940, -11.2660



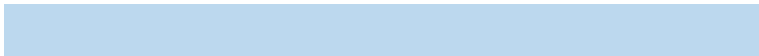
208.1950, -14.2110, -12.2830

Triad

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



209.5510, -0.5940, -11.2660



210.1360, -23.7500, 0.9060



215.1170, 21.9600, 9.5120

Complementary

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



209.5510, -0.5940, -11.2660



198.4490, 0.5940, 11.2660

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.



215.2070, 13.0190, 11.8590



209.5510, -0.5940, -11.2660



212.6860, -13.4350, 6.7010

Square

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



209.5510, -0.5940, -11.2660



207.9950, -27.9670, -5.2710



214.1500, -0.0020, 11.0540



214.2110, 24.3910, 3.9990

Rectangle

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



209.5510, -0.5940, -11.2660



207.1280, -21.2720, -10.9680



214.1500, -0.0020, 11.0540



215.0890, 19.1630, 10.6430

Sweetspot

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



209.5510, -0.5940, -11.2660



252.0660, -0.3660, -4.3820



207.5790, 11.3710, -2.3330



126.0060, -0.1370, -3.0250



0.0000, 0.0000, 0.0000



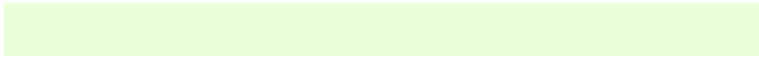
128.0000, -0.0000, -0.0000

Same Dimension

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



209.5510, -0.5940, -11.2660



244.6170, -0.9600, -15.6480



206.4900, -7.7920, -12.9760



106.6530, -0.6410, -4.9050



123.3780, -4.0670, -75.0030



32.6830, -1.3260, -20.0300

Inverse Universe

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



198.4490, 0.5940, 11.2660



229.3830, 0.9600, 15.6480



201.5100, 7.7920, 12.9760



102.0480, 0.0450, 4.6930



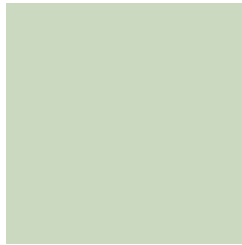
49.6220, 4.0670, 75.0030



13.3170, 1.3260, 20.0300

Previews

White Background



This preview shows how the YIQ color 209.5510, -0.5940, -11.2660 looks on a white background.

Color Contrast Check

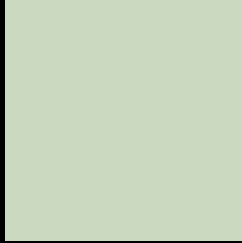
Large Text (above 18pt) WCAG AA × Fail

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 209.5510, -0.5940, -11.2660 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

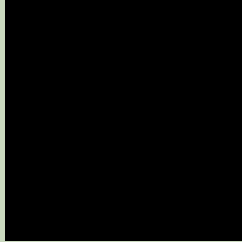
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 209.5510, -0.5940, -11.2660

Background



This preview shows how black text looks on a background with the YIQ color 209.5510, -0.5940, -11.2660.



This preview shows how white text looks on a background with the YIQ color 209.5510, -0.5940,

-11.2660.

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

209.5510, -0.5940, -11.2660

Protanopia

211.3680, 13.3430, -5.0330

Deuteranopia

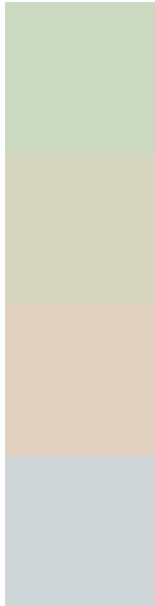
213.3250, 24.0700, 4.3100



Tritanopia

212.6280, -7.5200, 4.1280

Trichromacy



Original Color

209.5510, -0.5940, -11.2660

Protanomaly

210.5630, 8.3000, -7.2520

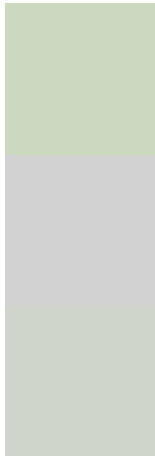
Deuteranomaly

212.2590, 15.2680, -1.3720

Tritanomaly

211.7220, -5.0890, -1.3850

Monochromacy



Original Color

209.5510, -0.5940, -11.2660

Achromatopsia

210.0000, 0.0000, 0.0000

Achromatomaly

210.0660, -0.3660, -4.3820

CSS Examples

Text

The CSS property to change the color of the text to YIQ 209.5510, -0.5940, -11.2660 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(202, 217, 191)` looks like.

```
.text, #text, p{  
    color:rgb(202, 217, 191)  
}
```

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(202, 217, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 217, 191) }
```

Border

The CSS property to change the border of an element to YIQ 209.5510, -0.5940, -11.2660 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(202, 217, 191) }
```


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

```
.border{ border-color:rgb(202, 217, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 217, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 217, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 217, 191);  
box-shadow:4px 4px 4px 4px rgb(202, 217,  
191) }
```

Background

The CSS property to change the background color of an element to YIQ 209.5510, -0.5940, -11.2660 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 217, 191) }
```

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

```
.background{ background-color: rgb(202,  
217, 191) }
```

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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