

Converting Colors

YIQ(209.8100, -11.6890,
-13.9370)

Have a look what the booklet for
YIQ(209.8100, -11.6890, -13.9370)
contains.

YIQ(209.8100, -11.6890, -13.9370)	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(209.8100, -11.6890,
-13.9370)**

Conversions

Conversions Part 1

Format	Color
Hex	BEDEC7
RGB	190, 222, 199
RGB Percent	75%, 87%, 78%
CMY	0.2550, 0.1293, 0.2196
CMYK	0.14, 0.00, 0.10, 0.13
HSL	137°, 33%, 81%
HSV	137°, 14%, 87%
XYZ	57.6622, 67.3170, 63.9828
YIQ	209.8100, -11.6890, -13.9370

Conversions

Conversions Part 2

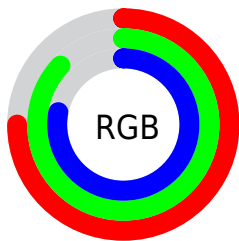
Format	Color
RYB	190, 215, 222
Decimal	12508871
CIELab	85.66, -14.93, 7.76
CIELCh	86, 16.830, 152.530
Yxy	67.3170, 0.3052, 0.3562
Android (android.graphics.Color)	4290698951 (0xFFBEDEC7)
YUV	209.8100, -5.3293, -17.3734
Hunter-Lab	82.0470, -18.1332, 11.1967

Details

The YIQ color **209.8100, -11.6890, -13.9370** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **202.1900, 11.6890, 13.9370**, and the grayscale version is **210.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **252.6080, -4.7680, -1.6960**, and **155.2230, -11.4140, -13.4140** is the 20% darker color. If you saturate the color by 10%, you get **201.4080, -19.6650, -23.5770**, and if you desaturate by 10%, it is **218.2120, -3.7130, -4.2970**.

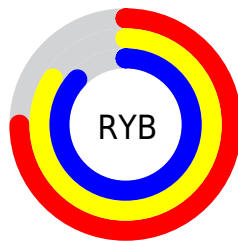
Distribution



Red (75%)

Green (87%)

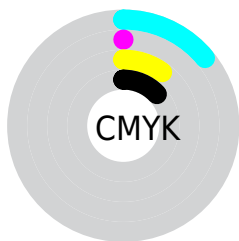
Blue (78%)



Red (75%)

Yellow (84%)

Blue (87%)

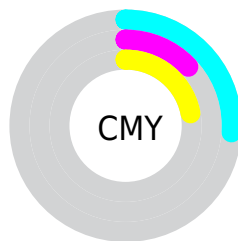


Cyan (14%)

Magenta (0%)

Yellow (10%)

Black (13%)



Cyan (26%)

Magenta (13%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 209.8100, -11.6890, -13.9370 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 209.8100, -11.6890, -13.9370 by changing the saturation by 10% instead.

■ 209.8100,
-11.6890, -13.9370

■ 209.8100,
-11.6890, -13.9370

255.0000, -0.0000,
-0.0000

■ 182.2230,
-11.4140, -13.4140

■ 252.3090, -5.3640,
-1.9080

■ 155.2230,
-11.4140, -13.4140

■ 128.9350,
-10.5430, -12.6790

■ 104.0490,
-10.8640, -12.3680

■ 79.4620, -10.5890,
-11.8450

■ 56.8750, -10.3140,
-11.3220

■ 34.4020, -10.3600,

-10.4880

■ 14.7890, -7.1960,
-12.7640

■ 0.0000, 0.0000,
0.0000

■ 209.8100,
-11.6890, -13.9370

■ 209.8100,
-11.6890, -13.9370

■ 201.4080,
-19.6650, -23.5770

■ 218.2120, -3.7130,
-4.2970

■ 193.0060,
-27.6410, -33.2170

■ 226.6140, 4.2630,
5.3430

■ 184.3050,
-36.2130, -43.0690

■ 234.7170, 11.6430,
14.7710

■ 175.9030,
-44.1890, -52.7090

■ 235.6290, 9.0750,
17.2590

■ 167.5010,
-52.1650, -62.3490

■ 159.0990,
-60.1410, -71.9890

■ 150.6970,
-68.1170, -81.6290

■ 141.9960,
-76.6890, -91.4810

■ 137.3820,
-80.9520, -96.8240

Harmonies

Analogous

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



211.4760, 3.9910, -11.7610



209.8100, -11.6890, -13.9370



208.9210, -25.1230, -12.7630

Triad

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



209.8100, -11.6890, -13.9370



213.7500, -19.4870, 6.2490



216.4720, 28.1500, 7.4620

Complementary

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



209.8100, -11.6890, -13.9370



202.1900, 11.6890, 13.9370

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.



216.9970, 22.4180, 12.2260



209.8100, -11.6890, -13.9370



216.2250, -4.5870, 11.5490

Square

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



209.8100, -11.6890, -13.9370



210.8470, -30.3060, -1.4260



217.0050, 10.7720, 14.0360



215.0600, 26.1340, -0.0580

Rectangle

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



209.8100, -11.6890, -13.9370



208.3920, -30.7630, -9.6670



217.0050, 10.7720, 14.0360



217.0420, 26.5450, 9.0170

Sweetspot

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



209.8100, -11.6890, -13.9370



251.2120, -3.7130, -4.2970



215.6610, 4.9080, -11.8600



125.3370, -2.5670, -3.0390



0.0000, 0.0000, 0.0000



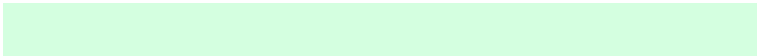
128.0000, -0.0000, -0.0000

Same Dimension

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



209.8100, -11.6890, -13.9370



238.6090, -15.6770, -18.7570



211.6340, -16.8250, -8.9610



107.7990, -3.9880, -4.8200



109.0120, -64.4500, -76.4980



29.7720, -17.6940, -20.7500

Inverse Universe

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



202.1900, 11.6890, 13.9370



228.3910, 15.6770, 18.7570



200.3660, 16.8250, 8.9610



105.2010, 3.9880, 4.8200



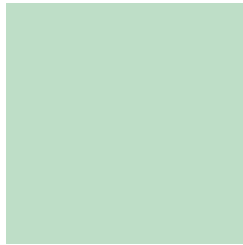
66.9880, 64.4500, 76.4980



18.3420, 17.3730, 21.0610

Previews

White Background



This preview shows how the YIQ color 209.8100, -11.6890, -13.9370 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 209.8100, -11.6890, -13.9370 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

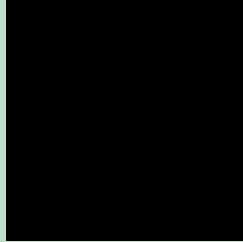
Any Text WCAG AA ✓ Pass

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 209.8100, -11.6890, -13.9370 Background



This preview shows how black text looks on a background with the YIQ color 209.8100, -11.6890, -13.9370.



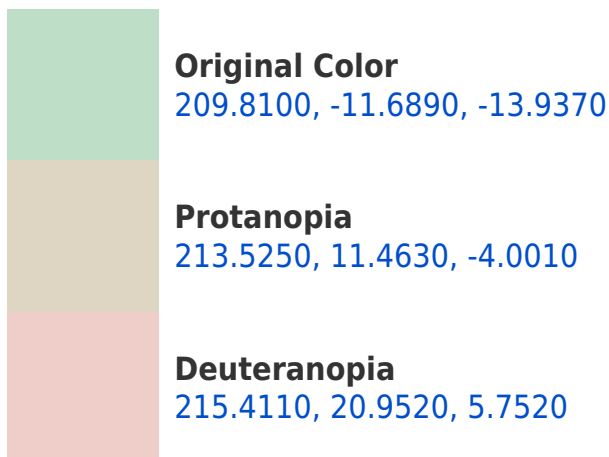
This preview shows how white text looks on a background with the YIQ color 209.8100, -11.6890, -13.9370.

-13.9370.

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

212.6590, -17.9730, 0.8350

Trichromacy



Original Color

209.8100, -11.6890, -13.9370

Protanomaly

211.9260, 2.8440, -7.4920

Deuteranomaly

213.4370, 8.8950, -1.5130

Tritanomaly

211.7530, -15.5420, -4.6780

Monochromacy



Original Color

209.8100, -11.6890, -13.9370

Achromatopsia

210.0000, 0.0000, 0.0000

Achromatomaly

209.7990, -3.9880, -4.8200

CSS Examples

Text

The CSS property to change the color of the text to YIQ 209.8100, -11.6890, -13.9370 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(190, 222, 199)` looks like.

```
.text, #text, p{  
    color:rgb(190, 222, 199)  
}
```

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(190, 222, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 222, 199) }
```

Border

The CSS property to change the border of an element to YIQ 209.8100, -11.6890, -13.9370 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(190, 222, 199) }
```


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

```
.border{ border-color:rgb(190, 222, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 222, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 222, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 222, 199);  
box-shadow:4px 4px 4px 4px rgb(190, 222,  
199) }
```

Background

The CSS property to change the background color of an element to YIQ 209.8100, -11.6890, -13.9370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 222, 199) }
```

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

```
.background{ background-color: rgb(190,  
222, 199) }
```

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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