

Converting Colors

YIQ(209.9040, 7.9370, -28.2150)

Have a look what the booklet for
YIQ(209.9040, 7.9370, -28.2150)
contains.

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Color

**YIQ(209.9040, 7.9370,
-28.2150)**

Conversions

Conversions Part 1

Format	Color
Hex	C8E299
RGB	200, 226, 153
RGB Percent	78%, 89%, 60%
CMY	0.2158, 0.1137, 0.3999
CMYK	0.12, 0.00, 0.32, 0.11
HSL	81°, 56%, 74%
HSV	81°, 32%, 89%
XYZ	56.7630, 68.9748, 40.4685
YIQ	209.9040, 7.9370, -28.2150

Conversions

Conversions Part 2

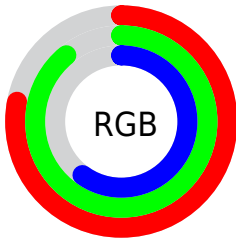
Format	Color
RYB	153, 226, 179
Decimal	13165209
CIELab	86.49, -20.71, 32.91
CIELCh	86, 38.888, 122.183
Yxy	68.9748, 0.3415, 0.4150
Android (android.graphics.Color)	4291355289 (0xFFC8E299)
YUV	209.9040, -28.0537, -8.6858
Hunter-Lab	83.0511, -23.3398, 29.2454

Details

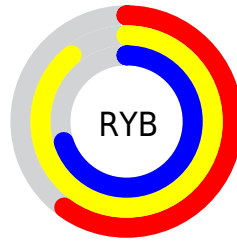
The YIQ color **209.9040, 7.9370, -28.2150** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **169.0960, -7.9370, 28.2150**, and the grayscale version is **210.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **249.6420, 15.0870, -14.6170**, and **155.2460, 6.9740, -27.2820** is the 20% darker color. If you saturate the color by 10%, you get **204.8900, 10.5520, -37.0640**, and if you desaturate by 10%, it is **214.9180, 5.3220, -19.3660**.

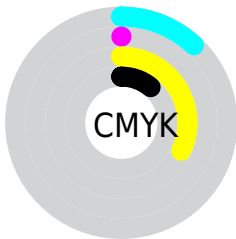
Distribution



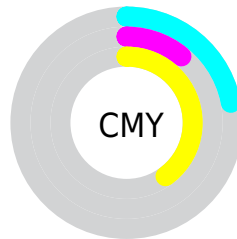
- Red (78%)
- Green (89%)
- Blue (60%)



- Red (60%)
- Yellow (89%)
- Blue (70%)



- Cyan (12%)
- Magenta (0%)
- Yellow (32%)
- Black (11%)



- Cyan (22%)
- Magenta (11%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 209.9040, 7.9370, -28.2150 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 209.9040, 7.9370, -28.2150 by changing the saturation by 10% instead.

■ 209.9040, 7.9370,
-28.2150

■ 209.9040, 7.9370,
-28.2150

255.0000, -0.0000,
-0.0000

■ 182.1320, 7.2950,
-27.5930

■ 249.6420, 15.0870,
-14.6170

■ 155.2460, 6.9740,
-27.2820

■ 252.8340, 6.0990,
-5.9090

■ 128.7730, 6.9280,
-26.4480

■ 103.0010, 6.2860,
-25.8260

■ 78.8160, 5.3690,
-25.7270

■ 54.7020, 5.6900,
-26.0380

■ 34.1670, 0.1870,

-19.9170

■ 16.4360, -7.7000,
-14.6440

■ 0.0000, 0.0000,
0.0000

■ 209.9040, 7.9370,
-28.2150

■ 209.9040, 7.9370,
-28.2150

■ 204.8900, 10.5520,
-37.0640

■ 214.9180, 5.3220,
-19.3660

■ 199.9900, 12.8460,
-45.6020

■ 219.8180, 3.0280,
-10.8280

■ 194.9760, 15.4610,
-54.4510

■ 224.8320, 0.4130,
-1.9790

■ 190.0760, 17.7550,
-62.9890

■ 229.7320, -1.8810,
6.5590

■ 185.0620, 20.3700,
-71.8380

■ 233.4920, -0.9650,
11.9870

■ 180.0480, 22.9850,
-80.6870

■ 235.8840, 3.8030,
13.6830

■ 176.0170, 24.2700,
-87.4580

■ 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.



213.8540, 37.7370, -17.6150



209.9040, 7.9370, -28.2150



204.3480, -28.6040, -32.2840

Triad

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



209.9040, 7.9370, -28.2150



198.1770, -75.6940, -15.8700



211.6980, 30.9900, 22.0780

Complementary

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



209.9040, 7.9370, -28.2150



169.0960, -7.9370, 28.2150

Split Complementary

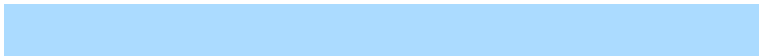
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



218.8510, 17.7380, 30.9700



209.9040, 7.9370, -28.2150



208.7520, -40.1640, 1.0200

Square

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



209.9040, 7.9370, -28.2150



193.8110, -92.5190, -24.8310



217.2670, -4.4050, 19.2670



209.3550, 41.7210, 9.3130

Rectangle

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



209.9040, 7.9370, -28.2150



199.8750, -55.0130, -32.7490



217.2670, -4.4050, 19.2670



213.1800, 26.8170, 26.1210

Sweetspot

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



209.9040, 7.9370, -28.2150



249.4590, 2.6610, -9.6830



190.0890, 36.3580, 1.8780



124.3820, 1.5600, -6.2480



0.0000, 0.0000, 0.0000



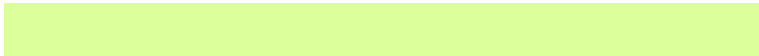
128.0000, -0.0000, -0.0000

Same Dimension

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



209.9040, 7.9370, -28.2150



233.2490, 10.9190, -38.2090



199.1400, -13.5190, -35.8470



109.5500, 1.1470, -4.2690



137.0990, 18.9480, -68.0920



37.4450, 5.2760, -18.5320

Inverse Universe

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



169.0960, -7.9370, 28.2150



177.7510, -10.9190, 38.2090



179.8600, 13.5190, 35.8470



103.4500, -1.1470, 4.2690



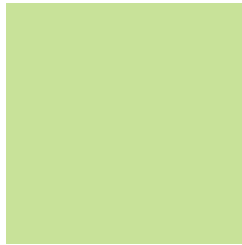
38.9010, -18.9480, 68.0920



10.5550, -5.2760, 18.5320

Previews

White Background



This preview shows how the YIQ color 209.9040, 7.9370, -28.2150 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 209.9040, 7.9370, -28.2150 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

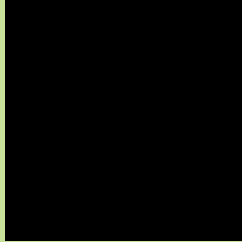
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

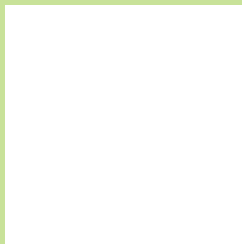
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 209.9040, 7.9370, -28.2150

Background



This preview shows how black text looks on a background with the YIQ color 209.9040, 7.9370, -28.2150.



This preview shows how white text looks on a background with the YIQ color 209.9040, 7.9370, -28.2150.

-28.2150.

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

209.9040, 7.9370, -28.2150

Protanopia

213.7440, 32.2350, -17.0210

Deuteranopia

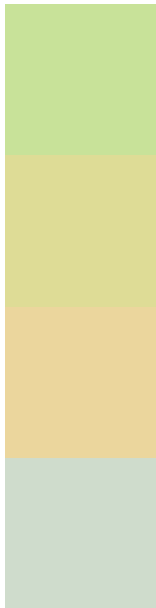
215.8800, 44.0160, -4.7520



Tritanopia

216.4430, -8.4370, 4.2270

Trichromacy



Original Color

209.9040, 7.9370, -28.2150

Protanomaly

212.6180, 23.6620, -21.3460

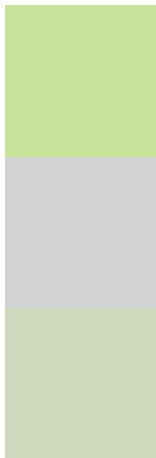
Deuteranomaly

213.7810, 30.8130, -13.2750

Tritanomaly

214.2890, -2.6120, -7.7320

Monochromacy



Original Color

209.9040, 7.9370, -28.2150

Achromatopsia

210.0000, 0.0000, 0.0000

Achromatomaly

209.9320, 2.7070, -10.5170

CSS Examples

Text

The CSS property to change the color of the text to YIQ 209.9040, 7.9370, -28.2150 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(200, 226, 153)` looks like.

```
.text, #text, p{  
    color:rgb(200, 226, 153)  
}
```

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(200, 226, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 226, 153) }
```

Border

The CSS property to change the border of an element to YIQ 209.9040, 7.9370, -28.2150 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(200, 226, 153) }
```


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

```
.border{ border-color:rgb(200, 226, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 226, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 226, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 226, 153);  
box-shadow:4px 4px 4px 4px rgb(200, 226,  
153) }
```

Background

The CSS property to change the background color of an element to YIQ 209.9040, 7.9370, -28.2150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 226, 153) }
```

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

```
.background{ background-color: rgb(200,  
226, 153) }
```

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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