

Converting Colors

YIQ(210.7830, -7.0590, -9.7390)

Have a look what the booklet for
YIQ(210.7830, -7.0590, -9.7390)
contains.

YIQ(210.7830, -7.0590, -9.7390)	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(210.7830, -7.0590,
-9.7390)**

Conversions

Conversions Part 1

Format	Color
Hex	C6DBCA
RGB	198, 219, 202
RGB Percent	78%, 86%, 79%
CMY	0.2236, 0.1411, 0.2079
CMYK	0.10, 0.00, 0.08, 0.14
HSL	131°, 23%, 82%
HSV	131°, 10%, 86%
XYZ	59.2787, 66.9354, 65.6703
YIQ	210.7830, -7.0590, -9.7390

Conversions

Conversions Part 2

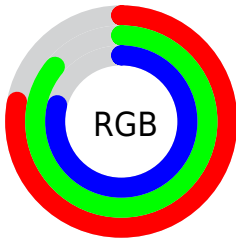
Format	Color
R_{YB}	198, 216, 219
Decimal	13032394
CIE _{Lab}	85.47, -10.18, 5.97
CIE _{LCh}	85, 11.806, 149.615
Yxy	66.9354, 0.3089, 0.3488
Android (android.graphics.Color)	4291222474 (0xFFC6DBCA)
YUV	210.7830, -4.3300, -11.2107
Hunter-Lab	81.8140, -13.8417, 9.6791

Details

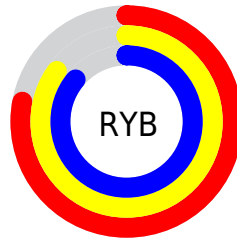
The YIQ color **210.7830, -7.0590, -9.7390** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **206.2170, 7.0590, 9.7390**, and the grayscale version is **211.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **255.0000, -0.0000, -0.0000**, and **156.1960, -6.7840, -9.2160** is the 20% darker color. If you saturate the color by 10%, you get **202.1530, -14.3930, -20.0010**, and if you desaturate by 10%, it is **219.4130, 0.2750, 0.5230**.

Distribution



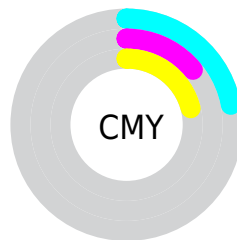
- Red (78%)
- Green (86%)
- Blue (79%)



- Red (78%)
- Yellow (85%)
- Blue (86%)



- Cyan (10%)
- Magenta (0%)
- Yellow (8%)
- Black (14%)



- Cyan (22%)
- Magenta (14%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 210.7830, -7.0590, -9.7390 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 210.7830, -7.0590, -9.7390 by changing the saturation by 10% instead.

■ 210.7830, -7.0590,
-9.7390

■ 210.7830, -7.0590,
-9.7390

255.0000, -0.0000,
-0.0000

■ 183.1960, -6.7840,
-9.2160

■ 156.1960, -6.7840,
-9.2160

■ 130.1960, -6.7840,
-9.2160

■ 104.9080, -5.9130,
-8.4810

■ 81.0220, -6.2340,
-8.1700

■ 57.4350, -5.9590,
-7.6470

■ 35.8480, -5.6840,

-7.1240

■ 14.0710, -7.9300,
-10.4740

■ 0.0000, 0.0000,
0.0000

■ 210.7830, -7.0590,
-9.7390

■ 210.7830, -7.0590,
-9.7390

■ 202.1530,
-14.3930, -20.0010

■ 219.4130, 0.2750,
0.5230

■ 193.6370,
-22.0480, -29.9520

■ 227.9290, 7.9300,
10.4740

■ 185.0070,
-29.3820, -40.2140

■ 233.8680, 9.9000,
18.8280

■ 176.3770,
-36.7160, -50.4760

■ 167.7470,
-44.0500, -60.7380

■ 159.5300,
-51.1090, -70.4770

■ 150.9000,
-58.4430, -80.7390

■ 142.2700,
-65.7770, -91.0010

■ 133.6400,
-73.1110, -101.2630

Harmonies

Analogous

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



211.9970, 4.0820, -7.9020



210.7830, -7.0590, -9.7390



209.9330, -16.2290, -8.7490

Triad

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



210.7830, -7.0590, -9.7390



213.5070, -14.4890, 3.7750



215.8130, 19.7600, 5.3280

Complementary

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



210.7830, -7.0590, -9.7390



206.2170, 7.0590, 9.7390

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.



215.8820, 15.3120, 8.8480



210.7830, -7.0590, -9.7390



215.0030, -4.0820, 7.9020

Square

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



210.7830, -7.0590, -9.7390



211.5230, -20.5860, -1.3700



215.9180, 6.4630, 9.5270



214.5800, 18.7980, 0.7340

Rectangle

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



210.7830, -7.0590, -9.7390



209.9480, -20.5850, -6.8970



215.9180, 6.4630, 9.5270



215.6820, 18.7510, 7.0950

Sweetspot

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



210.7830, -7.0590, -9.7390



251.9240, -2.8420, -3.5620



215.4100, 4.3570, -7.3790



125.6360, -1.9710, -2.8270



0.0000, 0.0000, 0.0000



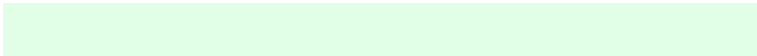
128.0000, -0.0000, -0.0000

Same Dimension

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



210.7830, -7.0590, -9.7390



242.8810, -10.4510, -14.3470



211.9230, -10.2690, -6.6290



105.6850, -3.6670, -5.1310



105.3130, -58.1680, -80.2160



28.0280, -15.5390, -21.2590

Inverse Universe

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



206.2170, 7.0590, 9.7390



236.1190, 10.4510, 14.3470



205.0770, 10.2690, 6.6290



103.3150, 3.6670, 5.1310



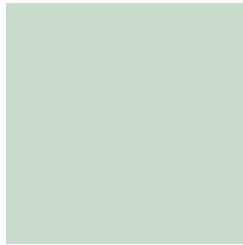
67.6870, 58.1680, 80.2160



17.9720, 15.5390, 21.2590

Previews

White Background



This preview shows how the YIQ color 210.7830, -7.0590, -9.7390 looks on a white background.

Color Contrast Check

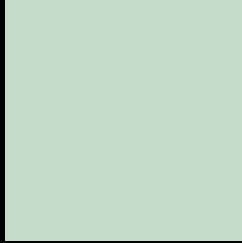
Large Text (above 18pt) WCAG AA × Fail

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 210.7830, -7.0590, -9.7390 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

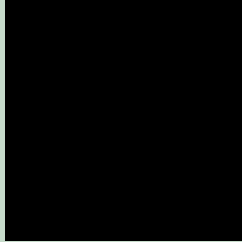
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

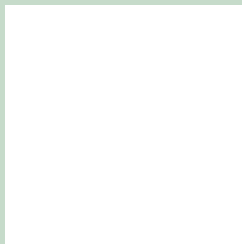
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 210.7830, -7.0590, -9.7390

Background



This preview shows how black text looks on a background with the YIQ color 210.7830, -7.0590, -9.7390.



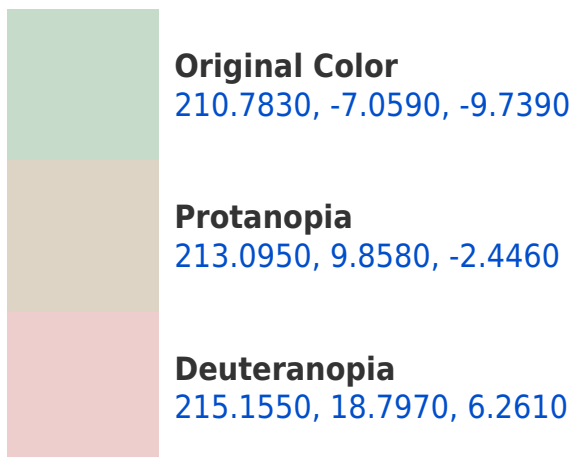
This preview shows how white text looks on a background with the YIQ color 210.7830, -7.0590, -9.7390.

-9.7390.

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

213.3500, -12.6090, 2.7430

Trichromacy



Original Color

210.7830, -7.0590, -9.7390

Protanomaly

212.5780, 3.9440, -5.4000

Deuteranomaly

213.7900, 9.3990, 0.3670

Tritanomaly

212.0850, -10.5450, -1.6250

Monochromacy



Original Color

210.7830, -7.0590, -9.7390

Achromatopsia

211.0000, 0.0000, -0.0000

Achromatomaly

210.9240, -2.8420, -3.5620

CSS Examples

Text

The CSS property to change the color of the text to YIQ 210.7830, -7.0590, -9.7390 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, 219, 202)` looks like.

```
.text, #text, p{  
    color:rgb(198, 219, 202)  
}
```

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, 219, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 219, 202) }
```

Border

The CSS property to change the border of an element to YIQ 210.7830, -7.0590, -9.7390 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, 219, 202) }
```


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

```
.border{ border-color:rgb(198, 219, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 219, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 219, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 219, 202);  
box-shadow:4px 4px 4px 4px rgb(198, 219,  
202) }
```

Background

The CSS property to change the background color of an element to YIQ 210.7830, -7.0590, -9.7390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 219, 202) }
```

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

```
.background{ background-color: rgb(198,  
219, 202) }
```

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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