

Converting Colors

YIQ(206.6970, -3.9410,
-11.1810)

Have a look what the booklet for
YIQ(206.6970, -3.9410, -11.1810)
contains.

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Color

**YIQ(206.6970, -3.9410,
-11.1810)**

Conversions

Conversions Part 1

Format	Color
Hex	C4D7C0
RGB	196, 215, 192
RGB Percent	77%, 84%, 75%
CMY	0.2314, 0.1568, 0.2471
CMYK	0.09, 0.00, 0.11, 0.16
HSL	110°, 22%, 80%
HSV	110°, 11%, 84%
XYZ	56.5779, 64.1444, 59.2686
YIQ	206.6970, -3.9410, -11.1810

Conversions

Conversions Part 2

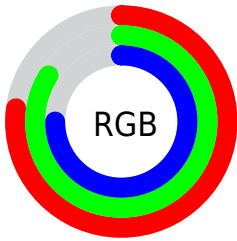
Format	Color
RYB	192, 215, 211
Decimal	12900288
CIELab	84.04, -10.61, 9.18
CIELCh	84, 14.031, 139.111
Yxy	64.1444, 0.3143, 0.3564
Android (android.graphics.Color)	4291090368 (0xFFC4D7C0)
YUV	206.6970, -7.2456, -9.3813
Hunter-Lab	80.0902, -14.0606, 12.1872

Details

The YIQ color $206.6970, -3.9410, -11.1810$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $200.3030, 3.9410, 11.1810$, and the grayscale version is $207.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $253.6040, 1.0550, -2.6010$, and $152.2240, -3.9870, -10.3470$ is the 20% darker color. If you saturate the color by 10%, you get $198.9210, -7.9280, -21.5280$, and if you desaturate by 10%, it is $214.5870, -0.2750, -0.5230$.

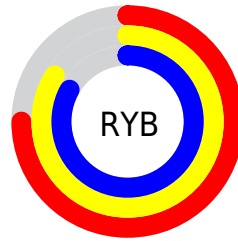
Distribution



Red (77%)

Green (84%)

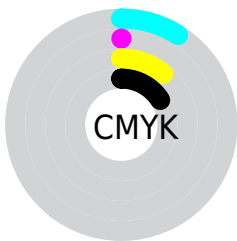
Blue (75%)



Red (75%)

Yellow (84%)

Blue (83%)

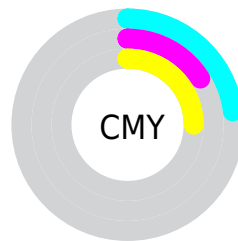


Cyan (9%)

Magenta (0%)

Yellow (11%)

Black (16%)



Cyan (23%)

Magenta (16%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 206.6970, -3.9410, -11.1810 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 206.6970, -3.9410, -11.1810 by changing the saturation by 10% instead.

■ 206.6970, -3.9410,
-11.1810

■ 206.6970, -3.9410,
-11.1810

255.0000, -0.0000,
-0.0000

■ 179.1100, -3.6660,
-10.6580

■ 253.6040, 1.0550,
-2.6010

■ 152.2240, -3.9870,
-10.3470

■ 126.5230, -3.3910,
-10.1350

■ 101.6370, -3.7120,
-9.8240

■ 77.0500, -3.4370,
-9.3010

■ 54.4630, -3.1620,
-8.7780

■ 32.9900, -3.2080,

-7.9440

■ 11.7400, -5.5000,
-10.4600

■ 0.0000, 0.0000,
0.0000

■ 206.6970, -3.9410,
-11.1810

■ 206.6970, -3.9410,
-11.1810

■ 198.9210, -7.9280,
-21.5280

■ 214.5870, -0.2750,
-0.5230

■ 191.0310,
-11.5940, -32.1860

■ 222.3630, 3.7120,
9.8240

■ 183.4400,
-14.6640, -42.6320

■ 229.7260, 7.4240,
19.6480

■ 175.6640,
-18.6510, -52.9790

■ 231.5200, 11.0000,
20.9200

■ 167.7740,
-22.3170, -63.6370

■ 159.9980,
-26.3040, -73.9840

■ 152.4070,
-29.3740, -84.4300

■ 144.6310,
-33.3610, -94.7770

■ 137.2680,
-37.0730, -104.6010

Harmonies

Analogous

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



208.0360, 8.3460, -8.0860



206.6970, -3.9410, -11.1810



205.3520, -16.0910, -11.2510

Triad

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



206.6970, -3.9410, -11.1810



208.0440, -20.4950, 2.4890



212.0630, 22.0520, 7.8440

Complementary

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



206.6970, -3.9410, -11.1810



200.3030, 3.9410, 11.1810

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.



212.4630, 15.1740, 11.3500



206.6970, -3.9410, -11.1810



210.3660, -9.5380, 7.6620

Square

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



206.6970, -3.9410, -11.1810



206.4190, -26.2250, -3.8010



212.0040, 3.3450, 10.9690



211.0860, 23.2450, 2.7410

Rectangle

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



206.6970, -3.9410, -11.1810



205.4700, -22.2350, -10.0350



212.0040, 3.3450, 10.9690



212.6330, 20.4470, 9.3990

Sweetspot

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



206.6970, -3.9410, -11.1810



252.2940, -1.0080, -3.7600



210.0300, 8.4830, -5.0610



125.8210, -1.0540, -2.9260



0.0000, 0.0000, 0.0000



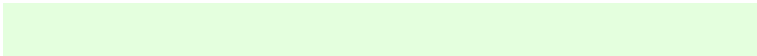
128.0000, -0.0000, -0.0000

Same Dimension

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



206.6970, -3.9410, -11.1810



243.1650, -5.4990, -15.9870



206.2990, -8.5720, -9.8520



103.0550, -1.8330, -5.3290



109.3470, -29.1450, -83.0730



27.6330, -7.0570, -20.7930

Inverse Universe

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



200.3030, 3.9410, 11.1810



233.8350, 5.4990, 15.9870



200.7010, 8.5720, 9.8520



99.9450, 1.8330, 5.3290



61.6530, 29.1450, 83.0730



15.6660, 7.6530, 21.0050

Previews

White Background



This preview shows how the YIQ color 206.6970, -3.9410, -11.1810 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 206.6970, -3.9410, -11.1810 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

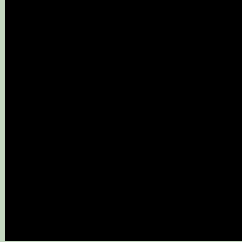
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

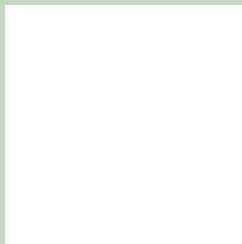
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 206.6970, -3.9410, -11.1810

Background



This preview shows how black text looks on a background with the YIQ color 206.6970, -3.9410, -11.1810.



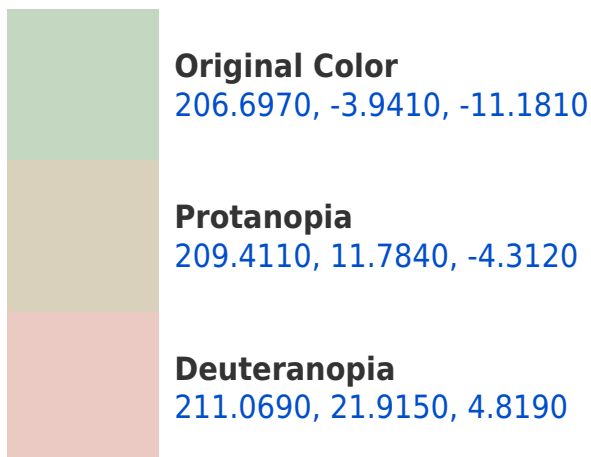
This preview shows how white text looks on a background with the YIQ color 206.6970, -3.9410,

-11.1810.

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

209.2470, -10.8210, 3.3790

Trichromacy



Original Color

206.6970, -3.9410, -11.1810

Protanomaly

208.3070, 6.1450, -6.7430

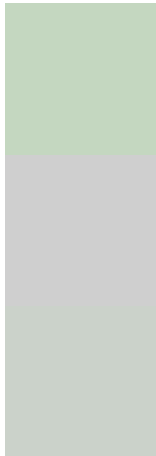
Deuteranomaly

209.7040, 12.5170, -1.0750

Tritanomaly

208.3410, -8.3900, -2.1340

Monochromacy



Original Color

206.6970, -3.9410, -11.1810

Achromatopsia

207.0000, 0.0000, -0.0000

Achromatomaly

206.9950, -1.6040, -3.9720

CSS Examples

Text

The CSS property to change the color of the text to YIQ 206.6970, -3.9410, -11.1810 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(196, 215, 192)` looks like.

```
.text, #text, p{  
    color:rgb(196, 215, 192)  
}
```

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(196, 215, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 215, 192) }
```

Border

The CSS property to change the border of an element to YIQ 206.6970, -3.9410, -11.1810 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(196, 215, 192) }
```


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

```
.border{ border-color:rgb(196, 215, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 215, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 215, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 215, 192);  
box-shadow:4px 4px 4px 4px rgb(196, 215,  
192) }
```

Background

The CSS property to change the background color of an element to YIQ 206.6970, -3.9410, -11.1810 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 215, 192) }
```

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

```
.background{ background-color: rgb(196,  
215, 192) }
```

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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