

Converting Colors

YIQ(206.7070, -0.7330, -3.2370)

Have a look what the booklet for
YIQ(206.7070, -0.7330, -3.2370)
contains.

YIQ(206.7070, -0.7330, -3.2370)	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(206.7070, -0.7330,
-3.2370)**

Conversions

Conversions Part 1

Format	Color
Hex	CCD1CA
RGB	204, 209, 202
RGB Percent	80%, 82%, 79%
CMY	0.2000, 0.1804, 0.2078
CMYK	0.02, 0.00, 0.03, 0.18
HSL	103°, 7%, 81%
HSV	103°, 3%, 82%
XYZ	58.3624, 62.7030, 64.9044
YIQ	206.7070, -0.7330, -3.2370

Conversions

Conversions Part 2

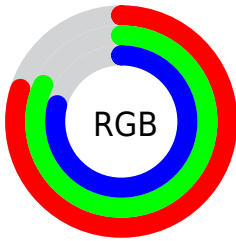
Format	Color
R_{YB}	202, 209, 207
Decimal	13423050
CIE Lab	83.29, -2.98, 2.86
CIE LCh	83, 4.130, 136.114
Yxy	62.7030, 0.3138, 0.3372
Android (android.graphics.Color)	4291613130 (0xFFCCD1CA)
YUV	206.7070, -2.3206, -2.3740
Hunter-Lab	79.1852, -7.0131, 6.8325

Details

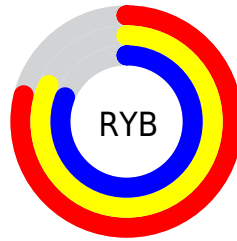
The YIQ color $206.7070, -0.7330, -3.2370$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $204.2930, 0.7330, 3.2370$, and the grayscale version is $207.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $152.7070, -0.7330, -3.2370$ is the 20% darker color. If you saturate the color by 10%, you get $199.8280, -2.9320, -12.9480$, and if you desaturate by 10%, it is $213.5860, 1.4660, 6.4740$.

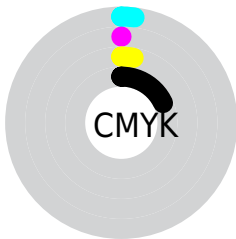
Distribution



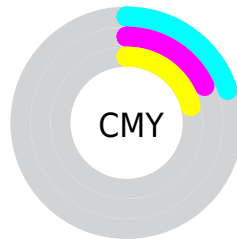
- Red (80%)
- Green (82%)
- Blue (79%)



- Red (79%)
- Yellow (82%)
- Blue (81%)



- Cyan (2%)
- Magenta (0%)
- Yellow (3%)
- Black (18%)



- Cyan (20%)
- Magenta (18%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 206.7070, -0.7330, -3.2370 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 206.7070, -0.7330, -3.2370 by changing the saturation by 10% instead.

■ 206.7070, -0.7330,
-3.2370

■ 206.7070, -0.7330,
-3.2370

255.0000, -0.0000,
-0.0000

■ 179.1200, -0.4580,
-2.7140

■ 152.7070, -0.7330,
-3.2370

■ 126.7070, -0.7330,
-3.2370

■ 101.7070, -0.7330,
-3.2370

■ 77.8210, -1.0540,
-2.9260

■ 55.1200, -0.4580,
-2.7140

■ 33.5330, -0.1830,

-2.1910

■ 11.1800, -0.6870,
-4.0710

■ 0.0000, 0.0000,
0.0000

■ 206.7070, -0.7330,
-3.2370

■ 206.7070, -0.7330,
-3.2370

■ 199.8280, -2.9320,
-12.9480

■ 213.5860, 1.4660,
6.4740

■ 192.9490, -5.1310,
-22.6590

■ 220.4650, 3.6650,
16.1850

■ 186.0700, -7.3300,
-32.3700

■ 226.2040, 9.0740,
22.7860

■ 179.1910, -9.5290,
-42.0810

■ 227.9980, 12.6500,
24.0580

■ 172.3120,
-11.7280, -51.7920

■ 165.5470,
-14.2480, -61.1920

■ 158.6680,
-16.4470, -70.9030

■ 151.7890,
-18.6460, -80.6140

■ 144.9100,
-20.8450, -90.3250

Harmonies

Analogous

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



207.3870, 3.1640, -2.2760



206.7070, -0.7330, -3.2370



206.4400, -4.3550, -3.6750

Triad

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



206.7070, -0.7330, -3.2370



207.0040, -5.8230, 0.9050



208.2890, 6.5560, 2.3320

Complementary

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



206.7070, -0.7330, -3.2370



204.2930, 0.7330, 3.2370

Split Complementary

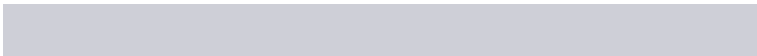
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



208.1470, 4.0800, 3.1520



206.7070, -0.7330, -3.2370



207.6130, -3.1640, 2.2760

Square

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



206.7070, -0.7330, -3.2370



206.4660, -7.2440, -0.8760



208.2930, 0.7330, 3.2370



208.5340, 7.2440, 0.8760

Rectangle

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



206.7070, -0.7330, -3.2370



206.4830, -5.9140, -2.9540



208.2930, 0.7330, 3.2370



208.5170, 5.9140, 2.9540

Sweetspot

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



206.7070, -0.7330, -3.2370



254.0600, -0.2290, -1.3570



207.0280, 2.7970, -1.1310



127.4730, 0.0460, -0.8340



0.0000, 0.0000, 0.0000



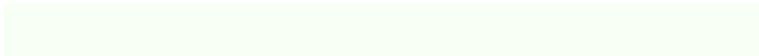
128.0000, -0.0000, -0.0000

Same Dimension

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



206.7070, -0.7330, -3.2370



251.7670, -0.9620, -4.5940



206.2230, -2.2460, -3.3500



103.1200, -0.4580, -2.7140



112.9680, -17.5920, -77.6880



27.6550, -4.1230, -18.8990

Inverse Universe

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



204.2930, 0.7330, 3.2370



248.2330, 0.9620, 4.5940



204.7770, 2.2460, 3.3500



100.8800, 0.4580, 2.7140



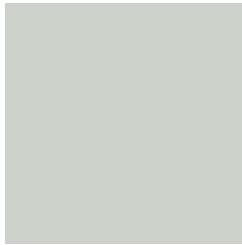
55.0320, 17.5920, 77.6880



13.3450, 4.1230, 18.8990

Previews

White Background



This preview shows how the YIQ color 206.7070, -0.7330, -3.2370 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 206.7070, -0.7330, -3.2370 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

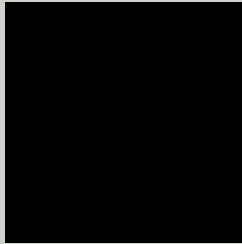
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

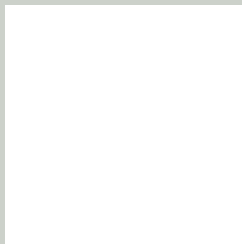
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 206.7070, -0.7330, -3.2370

Background



This preview shows how black text looks on a background with the YIQ color 206.7070, -0.7330, -3.2370.



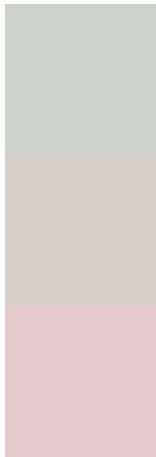
This preview shows how white text looks on a background with the YIQ color 206.7070, -0.7330, -3.2370.

-3.2370.

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

206.7070, -0.7330, -3.2370

Protanopia

207.5230, 5.7770, -0.0710

Deuteranopia

209.7140, 15.7250, 6.8690



Tritanopia

208.1230, -4.5400, 5.1880

Trichromacy



Original Color

206.7070, -0.7330, -3.2370

Protanomaly

207.2130, 3.7140, -1.2300

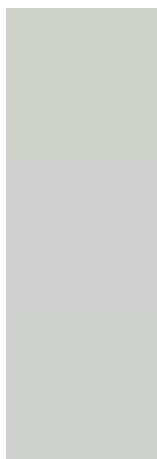
Deuteranomaly

208.6700, 9.8570, 3.0810

Tritanomaly

207.6130, -3.1640, 2.2760

Monochromacy



Original Color

206.7070, -0.7330, -3.2370

Achromatopsia

207.0000, 0.0000, -0.0000

Achromatomaly

207.0600, -0.2290, -1.3570

CSS Examples

Text

The CSS property to change the color of the text to YIQ 206.7070, -0.7330, -3.2370 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(204, 209, 202)` looks like.

```
.text, #text, p{  
    color:rgb(204, 209, 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(204, 209, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 209, 202) }
```

Border

The CSS property to change the border of an element to YIQ 206.7070, -0.7330, -3.2370 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(204, 209, 202) }
```


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

```
.border{ border-color:rgb(204, 209, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 209, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 209, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 209, 202);  
box-shadow:4px 4px 4px 4px rgb(204, 209,  
202) }
```

Background

The CSS property to change the background color of an element to YIQ 206.7070, -0.7330, -3.2370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 209, 202) }
```

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

```
.background{ background-color: rgb(204,  
209, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor