

Converting Colors

YIQ(198.6400, 9.4010, -10.6870)

Have a look what the booklet for
YIQ(198.6400, 9.4010, -10.6870)
contains.

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Color

**YIQ(198.6400, 9.4010,
-10.6870)**

Conversions

Conversions Part 1

Format	Color
Hex	C9CBAA
RGB	201, 203, 170
RGB Percent	79%, 80%, 67%
CMY	0.2118, 0.2039, 0.3333
CMYK	0.01, 0.00, 0.16, 0.20
HSL	64°, 24%, 73%
HSV	64°, 16%, 80%
XYZ	52.6990, 58.0317, 46.4619
YIQ	198.6400, 9.4010, -10.6870

Conversions

Conversions Part 2

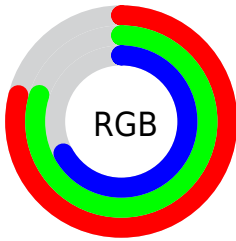
Format	Color
RYB	170, 203, 172
Decimal	13224874
CIELab	80.76, -6.29, 16.25
CIELCh	81, 17.425, 111.162
Yxy	58.0317, 0.3353, 0.3692
Android (android.graphics.Color)	4291414954 (0xFFC9CBAA)
YUV	198.6400, -14.1195, 2.0697
Hunter-Lab	76.1786, -9.8293, 17.1636

Details

The YIQ color $198.6400, 9.4010, -10.6870$ is a light color, and the websafe version is hex $CCCC99$. A complement of this color would be $174.3600, -9.4010, 10.6870$, and the grayscale version is $199.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $251.5800, 9.6300, -9.3300$, and $144.8680, 8.7590, -10.0650$ is the 20% darker color. If you saturate the color by 10%, you get $196.0610, 15.2250, -17.1190$, and if you desaturate by 10%, it is $201.2190, 3.5770, -4.2550$.

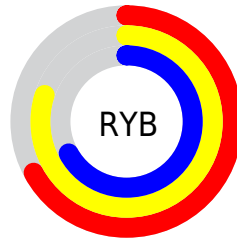
Distribution



Red (79%)

Green (80%)

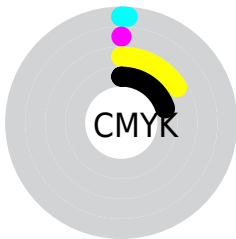
Blue (67%)



Red (67%)

Yellow (80%)

Blue (67%)

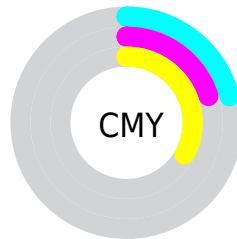


Cyan (1%)

Magenta (0%)

Yellow (16%)

Black (20%)



Cyan (21%)

Magenta (20%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 198.6400, 9.4010, -10.6870 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 198.6400, 9.4010, -10.6870 by changing the saturation by 10% instead.

■ 198.6400, 9.4010,
-10.6870

■ 198.6400, 9.4010,
-10.6870

255.0000, -0.0000,
-0.0000

■ 171.6400, 9.4010,
-10.6870

■ 251.5800, 9.6300,
-9.3300

■ 144.8680, 8.7590,
-10.0650

254.8860, 0.3210,
-0.3110

■ 118.9820, 8.4380,
-9.7540

■ 94.0960, 8.1170,
-9.4430

■ 70.9110, 7.2000,
-9.3440

■ 48.1390, 6.5580,
-8.7220

■ 26.8680, 8.7590,

-10.0650

■ 2.9350, -1.3750,
-2.6150

■ 0.0000, 0.0000,
0.0000

■ 198.6400, 9.4010,
-10.6870

■ 198.6400, 9.4010,
-10.6870

■ 196.0610, 15.2250,
-17.1190

■ 201.2190, 3.5770,
-4.2550

■ 193.3680, 21.3700,
-23.8620

■ 203.9120, -2.5680,
2.4880

■ 190.4900, 26.5980,
-30.5060

■ 206.7900, -7.7960,
9.1320

■ 187.9110, 32.4220,
-36.9380

■ 209.3690,
-13.6200, 15.5640

■ 185.3320, 38.2460,
-43.3700

■ 210.1240,
-14.3080, 17.0200

■ 182.6390, 44.3910,
-50.1130

■ 210.4230,
-13.7120, 17.2320

■ 179.7610, 49.6190,
-56.7570

■ 211.0210,
-12.5200, 17.6560

■ 177.1820, 55.4430,
-63.1890

■ 211.3200,
-11.9240, 17.8680

■ 176.2700, 58.0110,
-65.6770

■ 211.6190,
-11.3280, 18.0800

Harmonies

Analogous

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



200.6740, 21.2290, -4.7790



198.6400, 9.4010, -10.6870



196.4470, -6.2330, -13.6970

Triad

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



198.6400, 9.4010, -10.6870



196.1840, -32.8730, -4.4650



204.0830, 19.3000, 13.6680

Complementary

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



198.6400, 9.4010, -10.6870



174.3600, -9.4010, 10.6870

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.



203.3680, 5.3160, 13.7960



198.6400, 9.4010, -10.6870



198.5320, -24.8050, 3.5070

Square

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



198.6400, 9.4010, -10.6870



194.6800, -31.6340, -10.4020



201.4630, -11.1890, 10.0510



203.3410, 27.1410, 9.2290

Rectangle

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



198.6400, 9.4010, -10.6870



195.3580, -16.2280, -14.2760



201.4630, -11.1890, 10.0510



203.4570, 15.3110, 14.3750

Sweetspot

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



198.6400, 9.4010, -10.6870



253.2190, 3.5770, -4.2550



181.0410, 19.1180, 5.9500



126.7890, 1.9720, -2.7000



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.



198.6400, 9.4010, -10.6870



248.6310, 13.6200, -15.5640



193.8560, -0.1350, -14.0790



100.5610, 2.6140, -3.3220



144.0860, 47.3260, -53.7460



33.0700, 11.0060, -12.2420

Inverse Universe

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



174.3600, -9.4010, 10.6870



213.3690, -13.6200, 15.5640



179.1440, 0.1350, 14.0790



93.1400, -3.2100, 3.1100



21.9140, -47.3260, 53.7460



4.9300, -11.0060, 12.2420

Previews

White Background



This preview shows how the YIQ color 198.6400, 9.4010, -10.6870 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 198.6400, 9.4010, -10.6870 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

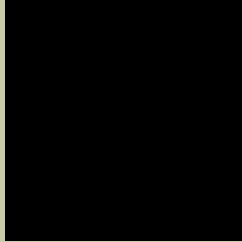
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 198.6400, 9.4010, -10.6870

Background



This preview shows how black text looks on a background with the YIQ color 198.6400, 9.4010, -10.6870.



This preview shows how white text looks on a background with the YIQ color 198.6400, 9.4010,

-10.6870.

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

198.6400, 9.4010, -10.6870

Protanopia

199.6410, 16.8280, -7.6200

Deuteranopia

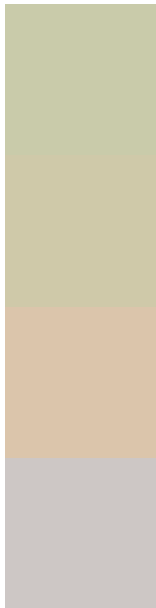
201.6690, 28.7930, 1.3130



Tritanopia

201.8140, 0.8240, 7.0960

Trichromacy



Original Color

198.6400, 9.4010, -10.6870

Protanomaly

199.1460, 13.8480, -8.6800

Deuteranomaly

200.6140, 21.4580, -3.4220

Tritanomaly

200.5660, 4.2180, 0.6500

Monochromacy



Original Color

198.6400, 9.4010, -10.6870

Achromatopsia

199.0000, -0.0000, 0.0000

Achromatomaly

198.6320, 3.8520, -3.7320

CSS Examples

Text

The CSS property to change the color of the text to YIQ 198.6400, 9.4010, -10.6870 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(201, 203, 170)` looks like.

```
.text, #text, p{  
    color:rgb(201, 203, 170)  
}
```

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(201, 203, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 203, 170) }
```

Border

The CSS property to change the border of an element to YIQ 198.6400, 9.4010, -10.6870 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(201, 203, 170) }
```


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

```
.border{ border-color:rgb(201, 203, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 203, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 203, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 203, 170);  
box-shadow:4px 4px 4px 4px rgb(201, 203,  
170) }
```

Background

The CSS property to change the background color of an element to YIQ 198.6400, 9.4010, -10.6870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 203, 170) }
```

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

```
.background{ background-color: rgb(201,  
203, 170) }
```

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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