

Converting Colors

YIQ(199.0850, 6.6500, -10.3900)

Have a look what the booklet for
YIQ(199.0850, 6.6500, -10.3900)
contains.

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Color

**YIQ(199.0850, 6.6500,
-10.3900)**

Conversions

Conversions Part 1

Format	Color
Hex	C7CCA E
RGB	199, 204, 174
RGB Percent	78%, 80%, 68%
CMY	0.2196, 0.2000, 0.3176
CMYK	0.02, 0.00, 0.15, 0.20
HSL	70°, 23%, 74%
HSV	70°, 15%, 80%
XYZ	52.7857, 58.3842, 48.5380
YIQ	199.0850, 6.6500, -10.3900

Conversions

Conversions Part 2

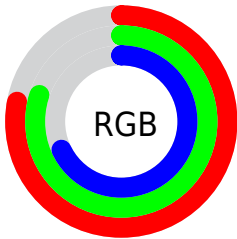
Format	Color
RYB	174, 204, 179
Decimal	13094062
CIELab	80.95, -6.91, 14.38
CIELCh	81, 15.951, 115.664
Yxy	58.3842, 0.3305, 0.3656
Android (android.graphics.Color)	4291284142 (0xFFC7CCA E)
YUV	199.0850, -12.3669, -0.0745
Hunter-Lab	76.4096, -10.4044, 15.8236

Details

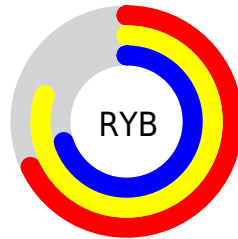
The YIQ color $199.0850, 6.6500, -10.3900$ is a light color, and the websafe version is hex $CCCC99$. A complement of this color would be $178.9150, -6.6500, 10.3900$, and the grayscale version is $199.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $252.1500, 8.0250, -7.7750$, and $145.3130, 6.0080, -9.7680$ is the 20% darker color. If you saturate the color by 10%, you get $195.9080, 11.2820, -17.2460$, and if you desaturate by 10%, it is $202.2620, 2.0180, -3.5340$.

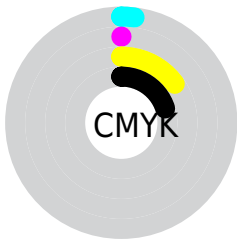
Distribution



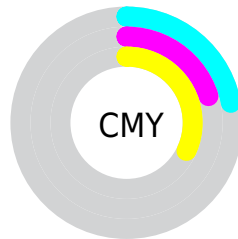
- Red (78%)
- Green (80%)
- Blue (68%)



- Red (68%)
- Yellow (80%)
- Blue (70%)



- Cyan (2%)
- Magenta (0%)
- Yellow (15%)
- Black (20%)



- Cyan (22%)
- Magenta (20%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 199.0850, 6.6500, -10.3900 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 199.0850, 6.6500, -10.3900 by changing the saturation by 10% instead.

■ 199.0850, 6.6500,
-10.3900

■ 199.0850, 6.6500,
-10.3900

255.0000, -0.0000,
-0.0000

■ 172.0850, 6.6500,
-10.3900

■ 252.1500, 8.0250,
-7.7750

■ 145.3130, 6.0080,
-9.7680

■ 119.4270, 5.6870,
-9.4570

■ 94.5410, 5.3660,
-9.1460

■ 70.6550, 5.0450,
-8.8350

■ 48.7690, 4.7240,
-8.5240

■ 27.0250, 6.8790,

-9.0330

■ 4.1090, -1.9250,
-3.6610

■ 0.0000, 0.0000,
0.0000

■ 199.0850, 6.6500,
-10.3900

■ 199.0850, 6.6500,
-10.3900

■ 195.9080, 11.2820,
-17.2460

■ 202.2620, 2.0180,
-3.5340

■ 192.3180, 15.6390,
-24.6250

■ 205.8520, -2.3390,
3.8450

■ 189.1410, 20.2710,
-31.4810

■ 209.0290, -6.9710,
10.7010

■ 185.5510, 24.6280,
-38.8600

■ 212.5050,
-11.0070, 17.7690

■ 182.3740, 29.2600,
-45.7160

■ 213.4020, -9.2190,
18.4050

■ 179.1970, 33.8920,
-52.5720

■ 214.2990, -7.4310,
19.0410

■ 175.6070, 38.2490,
-59.9510

■ 215.4950, -5.0470,
19.8890

■ 172.4300, 42.8810,
-66.8070

■ 216.3920, -3.2590,
20.5250

■ 170.5780, 45.2200,
-70.6520

■ 217.5880, -0.8750,
21.3730

Harmonies

Analogous

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



200.5920, 18.5240, -5.3160



199.0850, 6.6500, -10.3900



197.4900, -7.7920, -12.9760

Triad

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



199.0850, 6.6500, -10.3900



197.3910, -29.0220, -2.6700



204.1430, 19.0710, 12.3110

Complementary

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



199.0850, 6.6500, -10.3900



178.9150, -6.6500, 10.3900

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.



203.6240, 7.4710, 13.2870



199.0850, 6.6500, -10.3900



199.7990, -21.1830, 3.9450

Square

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



199.0850, 6.6500, -10.3900



195.4030, -29.2960, -8.7200



202.3170, -7.8420, 9.9660



203.3300, 25.6740, 8.2820

Rectangle

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



199.0850, 6.6500, -10.3900



196.1130, -16.9160, -12.8200



202.3170, -7.8420, 9.9660



203.8160, 15.6780, 13.2300

Sweetspot

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



199.0850, 6.6500, -10.3900



253.2620, 2.0180, -3.5340



185.9050, 16.5050, 3.7450



126.6040, 1.0550, -2.6010



0.0000, 0.0000, 0.0000



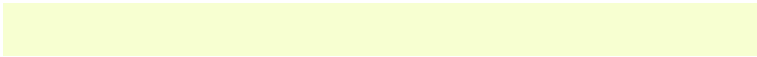
128.0000, -0.0000, -0.0000

Same Dimension

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



199.0850, 6.6500, -10.3900



247.3640, 9.9980, -16.0020



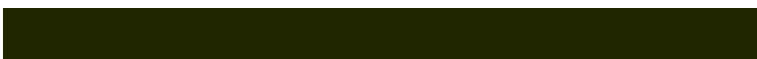
194.6000, -2.2900, -13.5700



100.2620, 2.0180, -3.5340



138.7040, 36.5980, -57.5620



31.8740, 8.6220, -13.0900

Inverse Universe

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



178.9150, -6.6500, 10.3900



216.6360, -9.9980, 16.0020



183.4000, 2.2900, 13.5700



93.7380, -2.0180, 3.5340



27.2960, -36.5980, 57.5620



6.1260, -8.6220, 13.0900

Previews

White Background



This preview shows how the YIQ color 199.0850, 6.6500, -10.3900 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 199.0850, 6.6500, -10.3900 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

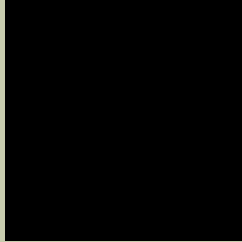
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

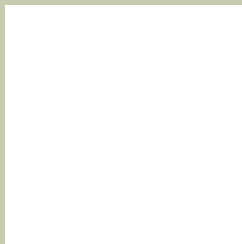
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 199.0850, 6.6500, -10.3900

Background



This preview shows how black text looks on a background with the YIQ color 199.0850, 6.6500, -10.3900.



This preview shows how white text looks on a background with the YIQ color 199.0850, 6.6500,

-10.3900.

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

199.0850, 6.6500, -10.3900

Protanopia

200.0970, 15.5440, -6.3760

Deuteranopia

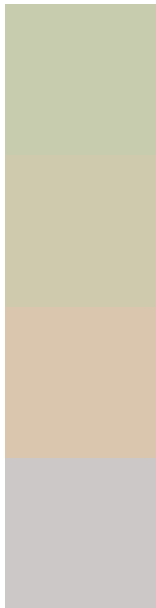
201.8260, 26.9130, 2.3450



Tritanopia

201.9170, -0.9640, 6.4600

Trichromacy



Original Color

199.0850, 6.6500, -10.3900

Protanomaly

199.6020, 12.5640, -7.4360

Deuteranomaly

200.7710, 19.5780, -2.3900

Tritanomaly

200.7830, 2.1090, 0.3250

Monochromacy



Original Color

199.0850, 6.6500, -10.3900

Achromatopsia

199.0000, -0.0000, 0.0000

Achromatomaly

199.1480, 2.3390, -3.8450

CSS Examples

Text

The CSS property to change the color of the text to YIQ 199.0850, 6.6500, -10.3900 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(199, 204, 174)` looks like.

```
.text, #text, p{  
    color:rgb(199, 204, 174)  
}
```

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(199, 204, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 204, 174) }
```

Border

The CSS property to change the border of an element to YIQ 199.0850, 6.6500, -10.3900 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(199, 204, 174) }
```


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

```
.border{ border-color:rgb(199, 204, 174) }
```

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

Here you see how a box with a 4 pixel rgb(199, 204, 174) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 204, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 204, 174);  
box-shadow:4px 4px 4px 4px rgb(199, 204,  
174) }
```

Background

The CSS property to change the background color of an element to YIQ 199.0850, 6.6500, -10.3900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 204, 174) }
```

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

```
.background{ background-color: rgb(199,  
204, 174) }
```

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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