

# Converting Colors

YIQ(195.7470, 1.7900, -10.4180)

Have a look what the booklet for  
YIQ(195.7470, 1.7900, -10.4180)  
contains.

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# Color

**YIQ(195.7470, 1.7900,  
-10.4180)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BFCAB0
RGB	191, 202, 176
RGB Percent	75%, 79%, 69%
CMY	0.2510, 0.2078, 0.3098
CMYK	0.05, 0.00, 0.13, 0.21
HSL	85°, 20%, 74%
HSV	85°, 13%, 79%
XYZ	50.4419, 56.4530, 49.3159
YIQ	195.7470, 1.7900, -10.4180

# Conversions

## Conversions Part 2

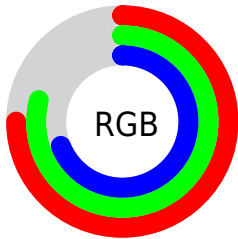
<b>Format</b>	<b>Color</b>
<b>RYB</b>	176, 202, 187
Decimal	12569264
CIELab	79.87, -8.42, 11.70
CIELCh	80, 14.418, 125.750
Yxy	56.4530, 0.3229, 0.3614
Android (android.graphics.Color)	4290759344 (0xFFBFCAB0)
YUV	195.7470, -9.7353, -4.1631
Hunter-Lab	75.1352, -11.6510, 13.6790

# Details

The YIQ color  $195.7470, 1.7900, -10.4180$  is a light color, and the websafe version is hex  $CCCC99$ . A complement of this color would be  $182.2530, -1.7900, 10.4180$ , and the grayscale version is  $196.0000, -0.0000, -0.0000$ .

A 20% lighter version of the original color is  $249.9860, 2.6150, -8.8490$ , and  $142.1600, 2.0650, -9.8950$  is the 20% darker color. If you saturate the color by 10%, you get  $190.7760, 2.8460, -18.5460$ , and if you desaturate by 10%, it is  $200.7180, 0.7340, -2.2900$ .

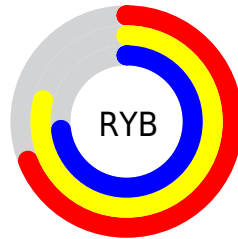
# Distribution



Red (75%)

Green (79%)

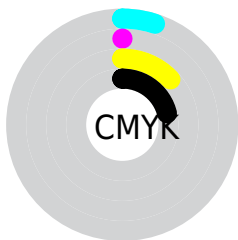
Blue (69%)



Red (69%)

Yellow (79%)

Blue (73%)

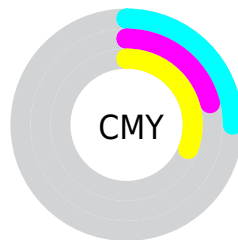


Cyan (5%)

Magenta (0%)

Yellow (13%)

Black (21%)



Cyan (25%)

Magenta (21%)

Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 195.7470, 1.7900, -10.4180 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 195.7470, 1.7900, -10.4180 by changing the saturation by 10% instead.



■ 195.7470, 1.7900,  
-10.4180

■ 195.7470, 1.7900,  
-10.4180

255.0000, -0.0000,  
-0.0000

■ 168.7470, 1.7900,  
-10.4180

■ 249.9860, 2.6150,  
-8.8490

■ 141.8610, 1.4690,  
-10.1070

■ 116.3880, 1.4230,  
-9.2730

■ 91.5020, 1.1020,  
-8.9620

■ 68.5020, 1.1020,  
-8.9620

■ 46.0290, 1.0560,  
-8.1280

■ 24.9860, 2.6150,

-8.8490

0.0000, 0.0000,  
0.0000

195.7470, 1.7900,  
-10.4180

195.7470, 1.7900,  
-10.4180

190.7760, 2.8460,  
-18.5460

200.7180, 0.7340,  
-2.2900

186.1040, 4.4980,  
-26.4620

205.3900, -0.9180,  
5.6260

181.0190, 5.8750,  
-34.9010

210.4750, -2.2950,  
14.0650

176.3470, 7.5270,  
-42.8170

214.9190, -3.3050,  
21.3590

171.3760, 8.5830,  
-50.9450

217.6100, 2.0590,  
23.2670

■ 166.7040, 10.2350,  
-58.8610

■ 220.0020, 6.8270,  
24.9630

■ 161.7330, 11.2910,  
-66.9890

■ 222.6930, 12.1910,  
26.8710

■ 156.9470, 13.2640,  
-75.2160

■ 223.8890, 14.5750,  
27.7190

■ 153.2580, 13.5860,  
-81.0540

# Harmonies

## Analogous

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



197.3140, 13.4350, -6.7010



195.7470, 1.7900, -10.4180



194.2770, -11.5060, -11.7460

# Triad

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



195.7470, 1.7900, -10.4180



195.3100, -24.3000, -0.1400



200.8610, 19.8050, 10.0210

# Complementary

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



195.7470, 1.7900, -10.4180



182.2530, -1.7900, 10.4180

# 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.



200.5380, 10.5890, 11.8450



195.7470, 1.7900, -10.4180



197.6750, -14.9020, 5.7540

# Square

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



195.7470, 1.7900, -10.4180



193.6530, -27.0040, -6.2040



199.9540, -2.3860, 10.2060



199.9660, 23.7030, 5.4550



# Rectangle

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



195.7470, 1.7900, -10.4180



193.7970, -18.8420, -10.9540



199.9540, -2.3860, 10.2060



200.7190, 17.3290, 10.8410

# Sweetspot

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



195.7470, 1.7900, -10.4180



252.6640, 0.8260, -3.9580



190.2310, 12.4710, -0.2410



126.3050, 0.4590, -2.8130



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

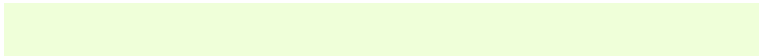


# Same Dimension

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



195.7470, 1.7900, -10.4180



245.8840, 2.6620, -15.2100



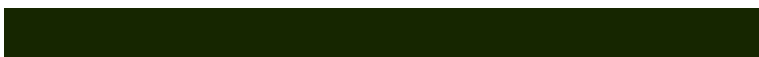
191.8600, -5.9580, -13.1740



99.6640, 0.8260, -3.9580



126.1460, 11.5660, -66.4660



28.8840, 2.6620, -15.2100



# Inverse Universe

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



182.2530, -1.7900, 10.4180



226.1160, -2.6620, 15.2100



186.1400, 5.9580, 13.1740



94.3360, -0.8260, 3.9580



39.8540, -11.5660, 66.4660



9.1160, -2.6620, 15.2100



# Previews

## White Background



This preview shows how the YIQ color 195.7470, 1.7900, -10.4180 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

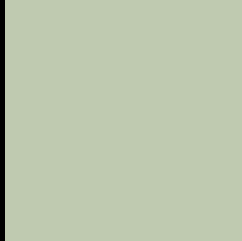
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 195.7470, 1.7900, -10.4180 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

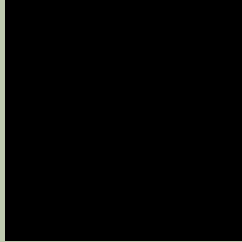
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YIQ 195.7470, 1.7900, -10.4180

## Background



This preview shows how black text looks on a background with the YIQ color 195.7470, 1.7900, -10.4180.



This preview shows how white text looks on a background with the YIQ color 195.7470, 1.7900, -10.4180.

-10.4180.

# 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

195.7470, 1.7900, -10.4180

### Protanopia

197.3680, 13.3430, -5.0330

### Deuteranopia

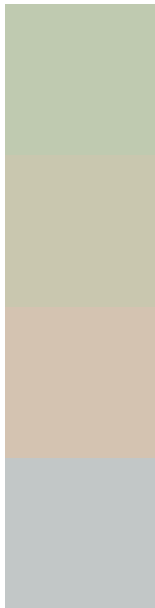
199.3850, 23.8410, 2.9530



## Tritanopia

198.4110, -5.4110, 4.4530

# Trichromacy



## Original Color

195.7470, 1.7900, -10.4180

## Protanomaly

196.8620, 8.8960, -7.0400

## Deuteranomaly

198.0310, 15.9100, -1.9940

## Tritanomaly

197.5050, -2.9800, -1.0600

# Monochromacy



## Original Color

195.7470, 1.7900, -10.4180

## Achromatopsia

196.0000, -0.0000, -0.0000

## Achromatomaly

195.7780, 0.5050, -3.6470

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 195.7470, 1.7900, -10.4180 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(191, 202, 176)` looks like.

```
.text, #text, p{  
    color:rgb(191, 202, 176)  
}
```

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(191, 202, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 202, 176) }
```

## Border

The CSS property to change the border of an element to YIQ 195.7470, 1.7900, -10.4180 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(191, 202, 176) }
```



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

```
.border{ border-color:rgb(191, 202, 176) }
```

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

Here you see how a box with a 4 pixel rgb(191, 202, 176) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 202, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 202, 176);  
box-shadow:4px 4px 4px 4px rgb(191, 202,  
176) }
```

# Background

The CSS property to change the background color of an element to YIQ 195.7470, 1.7900, -10.4180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 202, 176) }
```

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

```
.background{ background-color: rgb(191,  
202, 176) }
```

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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