

Converting Colors

YIQ(195.9480, -3.3900,
-15.6620)

Have a look what the booklet for
YIQ(195.9480, -3.3900, -15.6620)
contains.

YIQ(195.9480, -3.3900, -15.6620)	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(195.9480, -3.3900,
-15.6620)**

Conversions

Conversions Part 1

Format	Color
Hex	B7CFAD
RGB	183, 207, 173
RGB Percent	72%, 81%, 68%
CMY	0.2824, 0.1882, 0.3215
CMYK	0.12, 0.00, 0.16, 0.19
HSL	102°, 26%, 75%
HSV	102°, 16%, 81%
XYZ	49.3821, 57.7126, 48.0738
YIQ	195.9480, -3.3900, -15.6620

Conversions

Conversions Part 2

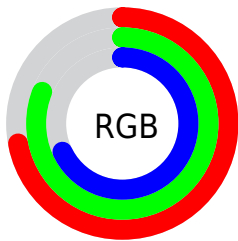
Format	Color
RYB	173, 207, 197
Decimal	12046253
CIELab	80.58, -14.33, 14.22
CIELCh	81, 20.190, 135.216
Yxy	57.7126, 0.3182, 0.3719
Android (android.graphics.Color)	4290236333 (0xFFB7CFAD)
YUV	195.9480, -11.3134, -11.3554
Hunter-Lab	75.9688, -16.9148, 15.6589

Details

The YIQ color $195.9480, -3.3900, -15.6620$ is a light color, and the websafe version is hex $CCCC99$. A complement of this color would be $184.0520, 3.3900, 15.6620$, and the grayscale version is $196.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $247.1380, -0.8690, -11.7890$, and $142.4750, -3.4360, -14.8280$ is the 20% darker color. If you saturate the color by 10%, you get $189.0690, -5.5890, -25.3730$, and if you desaturate by 10%, it is $202.8270, -1.1910, -5.9510$.

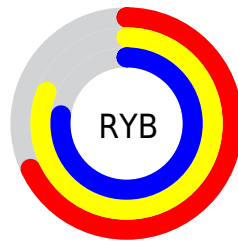
Distribution



Red (72%)

Green (81%)

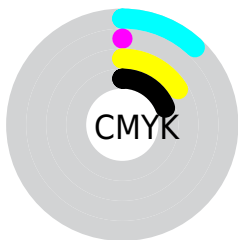
Blue (68%)



Red (68%)

Yellow (81%)

Blue (77%)

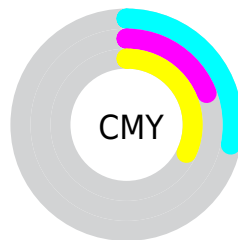


Cyan (12%)

Magenta (0%)

Yellow (16%)

Black (19%)



Cyan (28%)

Magenta (19%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 195.9480, -3.3900, -15.6620 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 195.9480, -3.3900, -15.6620 by changing the saturation by 10% instead.

■ 195.9480, -3.3900,
-15.6620

■ 195.9480, -3.3900,
-15.6620

255.0000, -0.0000,
-0.0000

■ 168.3610, -3.1150,
-15.1390

■ 247.1380, -0.8690,
-11.7890

■ 142.4750, -3.4360,
-14.8280

■ 116.5890, -3.7570,
-14.5170

■ 92.0020, -3.4820,
-13.9940

■ 68.4150, -3.2070,
-13.4710

■ 45.9420, -3.2530,
-12.6370

■ 24.1980, -1.0980,

-13.1460

■ 2.3480, -1.1000,
-2.0920

■ 0.0000, 0.0000,
0.0000

■ 195.9480, -3.3900,
-15.6620

■ 195.9480, -3.3900,
-15.6620

■ 189.0690, -5.5890,
-25.3730

■ 202.8270, -1.1910,
-5.9510

■ 182.6030, -7.5130,
-34.5610

■ 209.2930, 0.7330,
3.2370

■ 175.7240, -9.7120,
-44.2720

■ 216.1720, 2.9320,
12.9480

■ 168.8450,
-11.9110, -53.9830

■ 222.6380, 4.8560,
22.1360

■ 162.2650,
-13.5140, -63.4820

■ 226.8240, 13.2000,
25.1040

■ 155.5000,
-16.0340, -72.8820

■ 148.9200,
-17.6370, -82.3810

■ 142.0410,
-19.8360, -92.0920

■ 139.7480,
-20.5690, -95.3290

Harmonies

Analogous

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



198.5650, 13.9860, -11.1820



195.9480, -3.3900, -15.6620



193.6670, -21.5920, -16.1840

Triad

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



195.9480, -3.3900, -15.6620



196.5850, -32.3240, 2.1080



203.3030, 30.3040, 12.4800

Complementary

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



195.9480, -3.3900, -15.6620



184.0520, 3.3900, 15.6620

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.



203.6640, 19.1620, 16.1700



195.9480, -3.3900, -15.6620



200.2390, -16.3700, 10.3340

Square

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



195.9480, -3.3900, -15.6620



193.8950, -39.4290, -6.7970



202.8670, 2.4730, 15.7610



201.9300, 32.5520, 4.7760

Rectangle

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



195.9480, -3.3900, -15.6620



193.0450, -31.4040, -14.5720



202.8670, 2.4730, 15.7610



203.3890, 27.1860, 13.9220

Sweetspot

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



195.9480, -3.3900, -15.6620



250.8270, -1.1910, -5.9510



197.2540, 13.6640, -5.3440



125.2940, -1.0080, -3.7600



0.0000, 0.0000, 0.0000



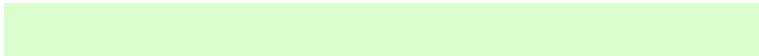
128.0000, -0.0000, -0.0000

Same Dimension

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



195.9480, -3.3900, -15.6620



238.4220, -5.0850, -23.4930



193.7560, -11.5970, -15.6050



101.3540, -1.2370, -5.1170



113.2670, -16.9960, -77.4760



27.6550, -4.1230, -18.8990

Inverse Universe

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



184.0520, 3.3900, 15.6620



220.5780, 5.0850, 23.4930



186.2440, 11.5970, 15.6050



97.3470, 0.6410, 4.9050



54.7330, 16.9960, 77.4760



13.3450, 4.1230, 18.8990

Previews

White Background



This preview shows how the YIQ color 195.9480, -3.3900, -15.6620 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 195.9480, -3.3900, -15.6620 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

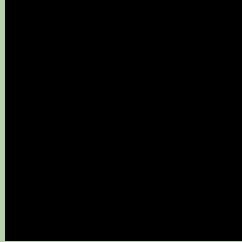
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 195.9480, -3.3900, -15.6620

Background



This preview shows how black text looks on a background with the YIQ color 195.9480, -3.3900, -15.6620.



This preview shows how white text looks on a background with the YIQ color 195.9480, -3.3900,

-15.6620.

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

195.9480, -3.3900, -15.6620

Protanopia

198.8690, 16.1860, -6.9980

Deuteranopia

200.6410, 25.9960, 2.4440



Tritanopia

199.5350, -11.6920, 2.6440

Trichromacy



Original Color

195.9480, -3.3900, -15.6620

Protanomaly

197.7540, 9.0800, -10.3760

Deuteranomaly

198.6780, 15.4060, -3.8740

Tritanomaly

197.9880, -8.8940, -4.0140

Monochromacy



Original Color

195.9480, -3.3900, -15.6620

Achromatopsia

196.0000, -0.0000, -0.0000

Achromatomaly

195.9410, -1.5120, -5.6400

CSS Examples

Text

The CSS property to change the color of the text to YIQ 195.9480, -3.3900, -15.6620 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(183, 207, 173)` looks like.

```
.text, #text, p{  
    color:rgb(183, 207, 173)  
}
```

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(183, 207, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 207, 173) }
```

Border

The CSS property to change the border of an element to YIQ 195.9480, -3.3900, -15.6620 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(183, 207, 173) }
```


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

```
.border{ border-color:rgb(183, 207, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 207, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 207, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 207, 173);  
box-shadow:4px 4px 4px 4px rgb(183, 207,  
173) }
```

Background

The CSS property to change the background color of an element to YIQ 195.9480, -3.3900, -15.6620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 207, 173) }
```

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

```
.background{ background-color: rgb(183,  
207, 173) }
```

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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