

Converting Colors

YIQ(193.0750, -4.5850, 0.4950)

Have a look what the booklet for
YIQ(193.0750, -4.5850, 0.4950)
contains.

YIQ(193.0750, -4.5850, 0.4950)	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(193.0750, -4.5850,
0.4950)**

Conversions

Conversions Part 1

Format	Color
Hex	BDC2C7
RGB	189, 194, 199
RGB Percent	74%, 76%, 78%
CMY	0.2588, 0.2392, 0.2196
CMYK	0.05, 0.03, 0.00, 0.22
HSL	210°, 8%, 76%
HSV	210°, 5%, 78%
XYZ	50.5861, 53.5263, 61.6948
YIQ	193.0750, -4.5850, 0.4950

Conversions

Conversions Part 2

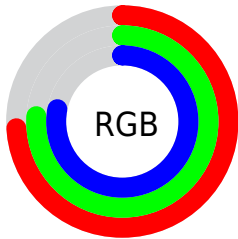
Format	Color
RYB	189, 192, 199
Decimal	12436167
CIELab	78.18, -0.77, -3.11
CIELCh	78, 3.205, 256.092
Yxy	53.5263, 0.3051, 0.3228
Android (android.graphics.Color)	4290626247 (0xFFBDC2C7)
YUV	193.0750, 2.9210, -3.5738
Hunter-Lab	73.1617, -4.6128, 1.2159

Details

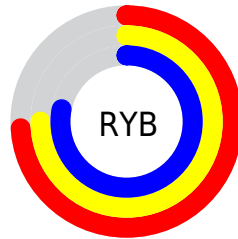
The YIQ color $193.0750, -4.5850, 0.4950$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $194.9250, 4.5850, -0.4950$, and the grayscale version is $193.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $249.0750, -4.5850, 0.4950$, and $139.3740, -3.9890, 0.7070$ is the 20% darker color. If you saturate the color by 10%, you get $181.2250, -13.7550, 1.4850$, and if you desaturate by 10%, it is $204.9250, 4.5850, -0.4950$.

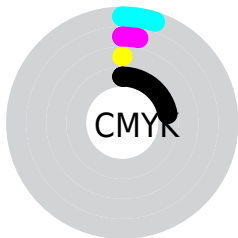
Distribution



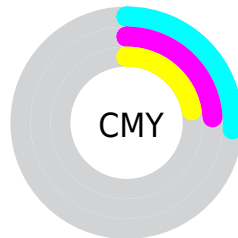
- Red (74%)
- Green (76%)
- Blue (78%)



- Red (74%)
- Yellow (75%)
- Blue (78%)



- Cyan (5%)
- Magenta (3%)
- Yellow (0%)
- Black (22%)



- Cyan (26%)
- Magenta (24%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 193.0750, -4.5850, 0.4950 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 193.0750, -4.5850, 0.4950 by changing the saturation by 10% instead.

■ 193.0750, -4.5850,
0.4950

■ 193.0750, -4.5850,
0.4950

■ 255.0000, -0.0000,
-0.0000

■ 166.0750, -4.5850,
0.4950

■ 249.0750, -4.5850,
0.4950

■ 139.3740, -3.9890,
0.7070

■ 114.0750, -4.5850,
0.4950

■ 89.3740, -3.9890,
0.7070

■ 66.2600, -3.6680,
0.3960

■ 44.2600, -3.6680,
0.3960

■ 23.5590, -3.0720,

0.6080

0.0000, 0.0000,
0.0000

193.0750, -4.5850,
0.4950

193.0750, -4.5850,
0.4950

181.2250,
-13.7550, 1.4850

204.9250, 4.5850,
-0.4950

169.3750,
-22.9250, 2.4750

216.7750, 13.7550,
-1.4850

157.5250,
-32.0950, 3.4650

228.6250, 22.9250,
-2.4750

145.6750,
-41.2650, 4.4550

236.2890, 23.7510,
-6.4330

134.1240,
-49.8390, 5.6570

242.1590, 21.0010,
-11.6630

■ 122.2740,
-59.0090, 6.6470

■ 248.0290, 18.2510,
-16.8930

■ 110.4240,
-68.1790, 7.6370

■ 248.6160, 17.9760,
-17.4160

■ 99.1610, -77.6240,
8.1040

■ 87.3110, -86.7940,
9.0940

Harmonies

Analogous

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



192.8360, -5.4100, -1.0740



193.0750, -4.5850, 0.4950



193.3850, -2.5220, 1.6540

Triad

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



193.0750, -4.5850, 0.4950



193.8050, 5.0430, 2.2190



193.1200, -0.4580, -2.7140

Complementary

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



193.0750, -4.5850, 0.4950



194.9250, 4.5850, -0.4950

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.



193.3160, 1.9260, -1.8660



193.0750, -4.5850, 0.4950



194.0500, 5.7310, 0.7630

Square

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



193.0750, -4.5850, 0.4950



194.4350, 3.2090, 2.4170



193.6260, 3.9890, -0.7070



192.5650, -3.2090, -2.4170

Rectangle

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



193.0750, -4.5850, 0.4950



193.5810, -0.1380, 2.5020



193.6260, 3.9890, -0.7070



192.7180, 0.7340, -2.2900

Sweetspot

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



193.0750, -4.5850, 0.4950



251.7440, -2.1550, 0.5090



195.4400, -4.3550, -3.6750



125.9290, -1.2380, 0.4100



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.



193.0750, -4.5850, 0.4950



245.8190, -6.7400, 1.0040



190.1400, -3.2100, 3.1100



95.1460, -3.3470, 0.0850



66.7160, -74.8730, 7.8070



14.6700, -16.5060, 1.7820

Inverse Universe

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



192.5600, 4.3550, 3.6750



245.2830, 6.6930, 5.3570



197.8600, 3.2100, -3.1100



94.5490, 2.8880, 2.7280



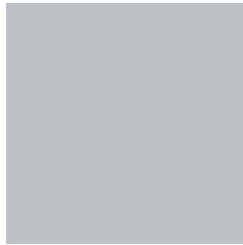
58.0850, 70.8260, 60.0580



12.8160, 15.6780, 13.2300

Previews

White Background



This preview shows how the YIQ color 193.0750, -4.5850, 0.4950 looks on a white background.

Color Contrast Check

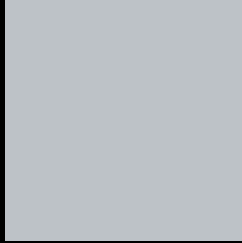
Large Text (above 18pt) WCAG AA × Fail

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 193.0750, -4.5850, 0.4950 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

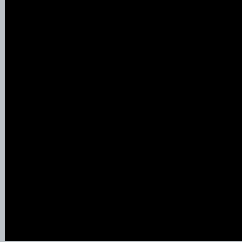
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

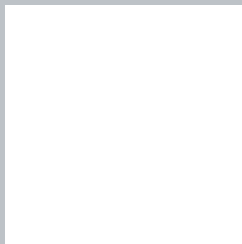
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 193.0750, -4.5850, 0.4950

Background



This preview shows how black text looks on a background with the YIQ color 193.0750, -4.5850, 0.4950.



This preview shows how white text looks on a background with the YIQ color 193.0750, -4.5850,

0.4950.

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

193.0750, -4.5850, 0.4950

Protanopia

193.5810, -0.1380, 2.5020

Deuteranopia

195.0600, 8.9390, 8.7070



Tritanopia

193.8130, -6.6030, 4.0290

Trichromacy



Original Color

193.0750, -4.5850, 0.4950

Protanomaly

193.5700, -1.6050, 1.5550

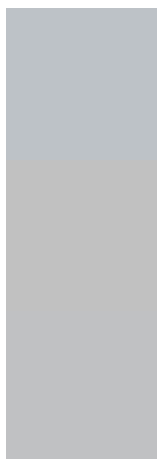
Deuteranomaly

194.7280, 3.9420, 5.6540

Tritanomaly

193.4710, -5.6400, 3.0960

Monochromacy



Original Color

193.0750, -4.5850, 0.4950

Achromatopsia

193.0000, -0.0000, -0.0000

Achromatomaly

192.9290, -1.2380, 0.4100

CSS Examples

Text

The CSS property to change the color of the text to YIQ 193.0750, -4.5850, 0.4950 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(189, 194, 199)` looks like.

```
.text, #text, p{  
    color:rgb(189, 194, 199)  
}
```

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(189, 194, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 194, 199) }
```

Border

The CSS property to change the border of an element to YIQ 193.0750, -4.5850, 0.4950 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(189, 194, 199) }
```


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

```
.border{ border-color:rgb(189, 194, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 194, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 194, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 194, 199);  
box-shadow:4px 4px 4px 4px rgb(189, 194,  
199) }
```

Background

The CSS property to change the background color of an element to YIQ 193.0750, -4.5850, 0.4950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 194, 199) }
```

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

```
.background{ background-color: rgb(189,  
194, 199) }
```

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