

# Converting Colors

YIQ(194.0720, -0.5030, -7.4070)

Have a look what the booklet for  
YIQ(194.0720, -0.5030, -7.4070)  
contains.

<b>YIQ(194.0720, -0.5030, -7.4070)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YIQ(194.0720, -0.5030,  
-7.4070)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BDC7B6
RGB	189, 199, 182
RGB Percent	74%, 78%, 71%
CMY	0.2589, 0.2196, 0.2863
CMYK	0.05, 0.00, 0.09, 0.22
HSL	95°, 13%, 75%
HSV	95°, 9%, 78%
XYZ	49.8523, 55.0440, 52.2546
YIQ	194.0720, -0.5030, -7.4070

# Conversions

## Conversions Part 2

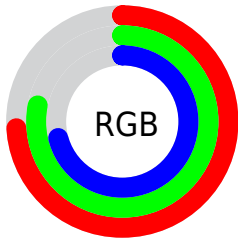
<b>Format</b>	<b>Color</b>
<b>RYB</b>	182, 199, 192
Decimal	12437430
CIELab	79.07, -6.54, 7.32
CIELCh	79, 9.818, 131.771
Yxy	55.0440, 0.3172, 0.3503
Android (android.graphics.Color)	4290627510 (0xFFBDC7B6)
YUV	194.0720, -5.9515, -4.4481
Hunter-Lab	74.1916, -9.8942, 10.1751

# Details

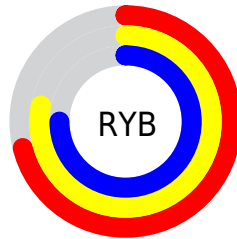
The YIQ color  $194.0720, -0.5030, -7.4070$  is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be  $186.9280, 0.5030, 7.4070$ , and the grayscale version is  $194.0000, -0.0000, 0.0000$ .

A 20% lighter version of the original color is  $250.0720, -0.5030, -7.4070$ , and  $140.4850, -0.2280, -6.8840$  is the 20% darker color. If you saturate the color by 10%, you get  $188.2040, -1.2350, -16.1710$ , and if you desaturate by 10%, it is  $199.9400, 0.2290, 1.3570$ .

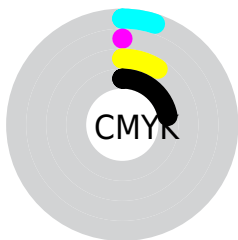
# Distribution



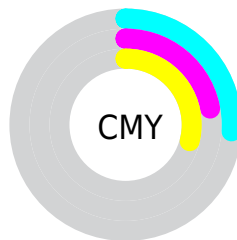
- Red (74%)
- Green (78%)
- Blue (71%)



- Red (71%)
- Yellow (78%)
- Blue (75%)



- Cyan (5%)
- Magenta (0%)
- Yellow (9%)
- Black (22%)




- Cyan (26%)
- Magenta (22%)
- Yellow (29%)


# Brightness & Saturation Gradients

These gradients show how the YIQ color 194.0720, -0.5030, -7.4070 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 194.0720, -0.5030, -7.4070 by changing the saturation by 10% instead.





 194.0720, -0.5030,  
-7.4070

 194.0720, -0.5030,  
-7.4070


255.0000, -0.0000,  
-0.0000


 167.0720, -0.5030,  
-7.4070


 250.0720, -0.5030,  
-7.4070

 140.4850, -0.2280,  
-6.8840

 114.5990, -0.5490,  
-6.5730

 90.5990, -0.5490,  
-6.5730

 67.0120, -0.2740,  
-6.0500

 45.1260, -0.5950,  
-5.7390

 24.3110, 0.3220,

-5.8380

0.0000, 0.0000,  
0.0000

194.0720, -0.5030,  
-7.4070

194.0720, -0.5030,  
-7.4070

188.2040, -1.2350,  
-16.1710

199.9400, 0.2290,  
1.3570

182.6350, -1.3710,  
-24.7230

205.5090, 0.3650,  
9.9090

176.7670, -2.1030,  
-33.4870

211.3770, 1.0970,  
18.6730

170.8990, -2.8350,  
-42.2510

216.4470, 4.0760,  
25.2600

165.0310, -3.5670,  
-51.0150

220.0350, 11.2280,  
27.8040

■ 159.5760, -4.0240,  
-59.2560

■ 222.1280, 15.4000,  
29.2880

■ 153.7080, -4.7560,  
-68.0200

■ 147.8400, -5.4880,  
-76.7840

■ 141.9720, -6.2200,  
-85.5480

# Harmonies

## Analogous

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



195.1440, 8.1620, -4.7500



194.0720, -0.5030, -7.4070



193.4670, -8.9850, -7.8730

# Triad

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



194.0720, -0.5030, -7.4070



194.3280, -15.5430, 0.8490



198.0020, 14.8540, 6.1340

# Complementary

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



194.0720, -0.5030, -7.4070



186.9280, 0.5030, 7.4070

# 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.



197.6470, 8.6640, 8.1840



194.0720, -0.5030, -7.4070



195.8560, -8.1620, 4.7500

# Square

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



194.0720, -0.5030, -7.4070



193.1380, -18.0640, -3.0240



196.9280, 0.5030, 7.4070



197.3780, 16.5510, 2.9110



# Rectangle

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



194.0720, -0.5030, -7.4070



192.6560, -13.8910, -7.0670



196.9280, 0.5030, 7.4070



198.1590, 12.9740, 7.1660

# Sweetspot

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



194.0720, -0.5030, -7.4070



252.5930, -0.4120, -3.5480



192.9530, 7.3820, -1.6260



126.1200, -0.4580, -2.7140



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.



194.0720, -0.5030, -7.4070



247.6650, -0.9150, -10.9550



192.0930, -4.9960, -8.5800



96.4790, -0.0910, -3.8590



115.7140, -4.8930, -71.0450



25.6170, -0.9600, -15.6480



# Inverse Universe

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



186.9280, 0.5030, 7.4070



237.3350, 0.9150, 10.9550



188.9070, 4.9960, 8.5800



92.5210, 0.0910, 3.8590



47.2860, 4.8930, 71.0450



10.3830, 0.9600, 15.6480



# Previews

## White Background



This preview shows how the YIQ color 194.0720, -0.5030, -7.4070 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

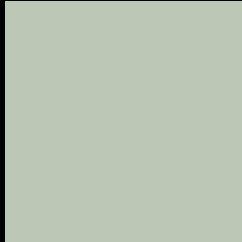
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 194.0720, -0.5030, -7.4070 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

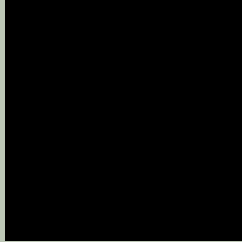
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

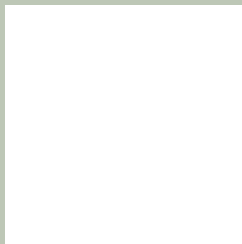
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**YIQ 194.0720, -0.5030, -7.4070**

## **Background**



This preview shows how black text looks on a background with the YIQ color 194.0720, -0.5030, -7.4070.



This preview shows how white text looks on a background with the YIQ color 194.0720, -0.5030, -7.4070.

-7.4070.

# 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

194.0720, -0.5030, -7.4070

### Protanopia

195.6820, 9.5830, -2.9690

### Deuteranopia

197.4000, 19.4850, 4.8050



## Tritanopia

196.1120, -6.0070, 4.2410

# Trichromacy



## Original Color

194.0720, -0.5030, -7.4070

## Protanomaly

194.8880, 6.0070, -4.2410

## Deuteranomaly

196.3450, 12.1500, 0.0700

## Tritanomaly

195.2600, -3.6680, 0.3960

# Monochromacy



## Original Color

194.0720, -0.5030, -7.4070

## Achromatopsia

194.0000, -0.0000, 0.0000

## Achromatomaly

194.1200, -0.4580, -2.7140

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 194.0720, -0.5030, -7.4070 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, 199, 182)` looks like.

```
.text, #text, p{  
    color:rgb(189, 199, 182)  
}
```

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, 199, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 199, 182) }
```

## Border

The CSS property to change the border of an element to YIQ 194.0720, -0.5030, -7.4070 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, 199, 182) }
```



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

```
.border{ border-color:rgb(189, 199, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 199, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 199, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 199, 182);  
box-shadow:4px 4px 4px 4px rgb(189, 199,  
182) }
```

# Background

The CSS property to change the background color of an element to YIQ 194.0720, -0.5030, -7.4070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 199, 182) }
```

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

```
.background{ background-color: rgb(189,  
199, 182) }
```

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