

# Converting Colors

YIQ(193.8320, 26.7760, -0.6800)

Have a look what the booklet for  
YIQ(193.8320, 26.7760, -0.6800)  
contains.

<b>YIQ(193.8320, 26.7760, -0.6800)</b>	3
<i><b>Conversions</b></i>	4
<i><b>Details</b></i>	6
<i><b>Harmonies</b></i>	12
<i><b>Previews</b></i>	24
<i><b>Color Blindness Simulation</b></i>	28
<i><b>CSS Examples</b></i>	31

# Color

**YIQ(193.8320, 26.7760,  
-0.6800)**

# Conversions

Conversions Part 1	
Format	Color
Hex	DBBBA3
RGB	219, 187, 163
RGB Percent	86%, 73%, 64%
CMY	0.1411, 0.2667, 0.3607
CMYK	0.00, 0.15, 0.26, 0.14
HSL	26°, 44%, 75%
HSV	26°, 26%, 86%
XYZ	53.5993, 53.2429, 42.1172
YIQ	193.8320, 26.7760, -0.6800

# Conversions

## Conversions Part 2

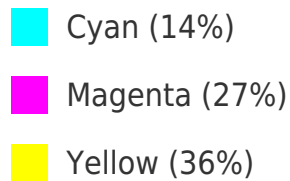
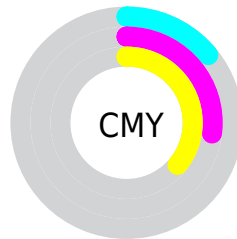
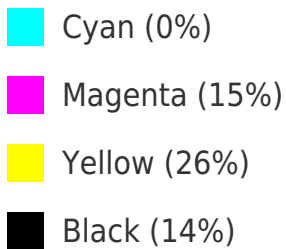
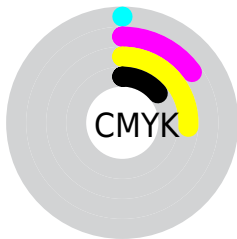
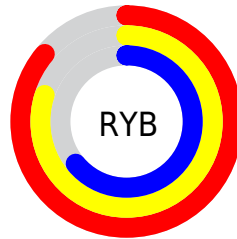
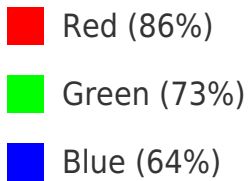
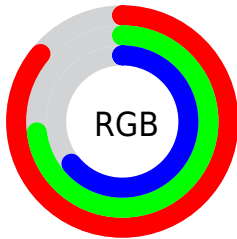
Format	Color
<a href="#">RYB</a>	<a href="#">219, 205, 163</a>
Decimal	<a href="#">14400419</a>
CIELab	<a href="#">78.02, 7.84, 16.38</a>
CIELCh	<a href="#">78, 18.156, 64.424</a>
Yxy	<a href="#">53.2429, 0.3598, 0.3574</a>
Android (android.graphics.Color)	<a href="#">4292590499</a> (0xFFDDBBA3)
YUV	<a href="#">193.8320, -15.2002, 22.0723</a>
Hunter-Lab	<a href="#">72.9677, 3.4257, 16.8550</a>

# Details

The YIQ color  $193.8320, 26.7760, -0.6800$  is a light color, and the websafe version is hex  $\text{FFCCCC}$ . A complement of this color would be  $188.1680, -26.7760, 0.6800$ , and the grayscale version is  $194.0000, -0.0000, 0.0000$ .

A 20% lighter version of the original color is  $243.7380, 15.1770, -5.2310$ , and  $140.0490, 24.6670, -1.0050$  is the 20% darker color. If you saturate the color by 10%, you get  $183.6930, 37.4130, -0.7230$ , and if you desaturate by 10%, it is  $203.9710, 16.1390, -0.6370$ .

# Distribution




# Brightness & Saturation


## Gradients

These gradients show how the YIQ color 193.8320, 26.7760, -0.6800 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 193.8320, 26.7760, -0.6800 by changing the saturation by 10% instead.





 193.8320, 26.7760,  
-0.6800

 193.8320, 26.7760,  
-0.6800


255.0000, -0.0000,  
-0.0000


 166.6470, 25.8590,  
-0.5810


 243.7380, 15.1770,  
-5.2310


 140.0490, 24.6670,  
-1.0050

 253.9740, 2.8890,  
-2.7990

 114.8640, 23.7500,  
-0.9060

 89.6790, 22.8330,  
-0.8070

 65.8960, 20.7240,  
-1.1320

 43.5260, 18.8900,  
-0.9340

 22.8140, 18.0190,

-1.6690

0.0000, 0.0000,  
0.0000

193.8320, 26.7760,  
-0.6800

193.8320, 26.7760,  
-0.6800

183.6930, 37.4130,  
-0.7230

203.9710, 16.1390,  
-0.6370

174.1410, 47.7750,  
-1.2890

213.5230, 5.7770,  
-0.0710

164.0020, 58.4120,  
-1.3320

223.6620, -4.8600,  
-0.0280

154.4500, 68.7740,  
-1.8980

233.2140,  
-15.2220, 0.5380

144.4250, 79.0900,  
-1.6300

241.3010,  
-20.0810, -5.0170

■ 134.8730, 89.4520,  
-2.1960

■ 244.2360,  
-21.4560, -7.6320

■ 124.7340,  
100.0890, -2.2390

■ 120.6590,  
104.6740, -2.7340

# Harmonies

## Analogous

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



195.5430, 29.3880, 7.0520



193.8320, 26.7760, -0.6800



192.4130, 17.4700, -8.2420

# Triad

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



193.8320, 26.7760, -0.6800



186.8390, -27.8280, -13.3000



195.0510, -4.0370, 12.5950

# Complementary

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



193.8320, 26.7760, -0.6800



188.1680, -26.7760, 0.6800

# 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.



191.9780, -20.1290, 6.8710



193.8320, 26.7760, -0.6800



187.1790, -34.4770, -8.4370

# Square

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



193.8320, 26.7760, -0.6800



187.9130, -13.4770, -14.5730



189.4770, -32.1400, -1.2280



196.0160, 12.2390, 14.9830



# Rectangle

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



193.8320, 26.7760, -0.6800



190.6290, 7.9340, -11.6340



189.4770, -32.1400, -1.2280



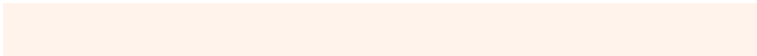
194.3600, -9.4010, 10.6870

# Sweetspot

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



193.8320, 26.7760, -0.6800



245.6760, 9.7200, 0.0560



183.5060, 22.7830, 22.1350



121.8220, 6.3730, 0.1410



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.



193.8320, 26.7760, -0.6800



219.5790, 37.7340, -1.0340



209.6810, 19.3510, -14.8010



104.6370, 5.4560, 0.2400



95.1650, 82.7580, -2.0260



25.4940, 21.9160, -0.7080



# Inverse Universe

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



188.1680, -26.7760, 0.6800



211.4210, -37.7340, 1.0340



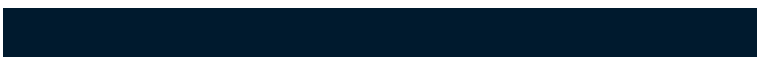
172.3190, -19.3510, 14.8010



103.7760, -5.1810, 0.2830



77.8350, -82.7580, 2.0260



20.5060, -21.9160, 0.7080



# Previews

## White Background



This preview shows how the YIQ color 193.8320, 26.7760, -0.6800 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

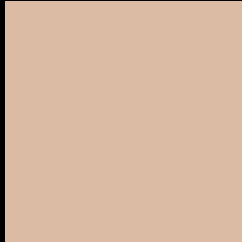
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 193.8320, 26.7760, -0.6800 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 193.8320, 26.7760, -0.6800**

## **Background**



This preview shows how black text looks on a background with the YIQ color 193.8320, 26.7760, -0.6800.



This preview shows how white text looks on a background with the YIQ color 193.8320, 26.7760,

-0.6800.

# 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

193.8320, 26.7760, -0.6800

### Protanopia

192.9120, 14.6270, -6.2770

### Deuteranopia





194.1420, 28.8390, 0.4790




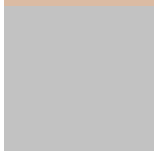
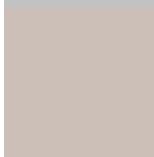
## Tritanopia

195.8550, 19.9420, 13.0460

# Trichromacy

	<b>Original Color</b> 193.8320, 26.7760, -0.6800
	<b>Protanomaly</b> 193.4180, 19.0740, -4.2700
	<b>Deuteranomaly</b> 193.8430, 28.2430, 0.2670
	<b>Tritanomaly</b> 195.3620, 22.6480, 8.0560

# Monochromacy

	<b>Original Color</b> 193.8320, 26.7760, -0.6800
	<b>Achromatopsia</b> 194.0000, -0.0000, 0.0000
	<b>Achromatomaly</b> 193.6760, 9.7200, 0.0560

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 193.8320, 26.7760, -0.6800 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(219, 187, 163)` looks like.

```
.text, #text, p{  
    color:rgb(219, 187, 163)  
}
```

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(219, 187, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 187, 163) }
```

## Border

The CSS property to change the border of an element to YIQ 193.8320, 26.7760, -0.6800 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(219, 187, 163) }
```



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

```
.border{ border-color:rgb(219, 187, 163) }
```

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

Here you see how a box with a 4 pixel rgb(219, 187, 163) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 187, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 187, 163);  
box-shadow:4px 4px 4px 4px rgb(219, 187,  
163) }
```

# Background

The CSS property to change the background color of an element to YIQ 193.8320, 26.7760, -0.6800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 187, 163) }
```

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

```
.background{ background-color: rgb(219,  
187, 163) }
```

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