

# Converting Colors

YIQ(151.8560, 35.3960, -2.7160)

Have a look what the booklet for  
YIQ(151.8560, 35.3960, -2.7160)  
contains.

<b>YIQ(151.8560, 35.3960, -2.7160)</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(151.8560, 35.3960,  
-2.7160)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B8906C
RGB	184, 144, 108
RGB Percent	72%, 56%, 42%
CMY	0.2784, 0.4353, 0.5763
CMYK	0.00, 0.22, 0.41, 0.28
HSL	28°, 35%, 57%
HSV	28°, 41%, 72%
XYZ	32.4514, 31.2177, 18.5146
YIQ	151.8560, 35.3960, -2.7160

# Conversions

## Conversions Part 2

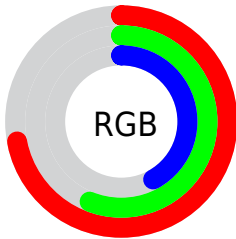
Format	Color
R <sub>Y</sub> B	184, 176, 108
Decimal	12095596
CIE Lab	62.69, 10.28, 24.87
CIE LCh	63, 26.912, 67.547
Yxy	31.2177, 0.3949, 0.3799
Android (android.graphics.Color)	4290285676 (0xFFB8906C)
YUV	151.8560, -21.6210, 28.1903
Hunter-Lab	55.8728, 5.8970, 19.4640

# Details

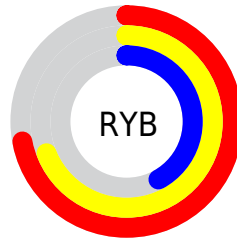
The YIQ color  $151.8560, 35.3960, -2.7160$  is a dark color, and the websafe version is hex  $CC9966$ . A complement of this color would be  $140.1440, -35.3960, 2.7160$ , and the grayscale version is  $152.0000, -0.0000, -0.0000$ .

A 20% lighter version of the original color is  $206.5250, 37.8260, -2.7020$ , and  $100.5890, 31.7740, -3.1540$  is the 20% darker color. If you saturate the color by 10%, you get  $143.9340, 43.9240, -3.0840$ , and if you desaturate by 10%, it is  $159.7780, 26.8680, -2.3480$ .

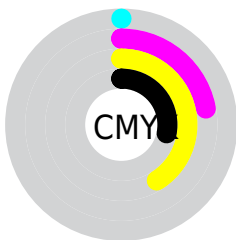
# Distribution



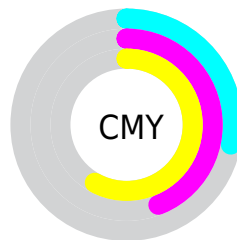
- Red (72%)
- Green (56%)
- Blue (42%)



- Red (72%)
- Yellow (69%)
- Blue (42%)



- Cyan (0%)
- Magenta (22%)
- Yellow (41%)
- Black (28%)



- Cyan (28%)
- Magenta (44%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 151.8560, 35.3960, -2.7160 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 151.8560, 35.3960, -2.7160 by changing the saturation by 10% instead.



■ 151.8560, 35.3960,  
-2.7160

■ 151.8560, 35.3960,  
-2.7160

■ 255.0000, -0.0000,  
-0.0000

■ 125.4860, 33.5620,  
-2.5180

■ 206.5250, 37.8260,  
-2.7020

■ 100.5890, 31.7740,  
-3.1540

■ 230.2250, 29.8030,  
-5.9810

■ 76.2190, 29.9400,  
-2.9560

■ 249.8530, 13.1150,  
-11.9170

■ 53.0230, 27.5560,  
-3.8040

■ 253.6320, 3.8520,  
-3.7320

■ 31.6960, 24.1630,  
-2.8850

■ 9.5570, 17.6050,  
5.8370

■ 0.0000, 0.0000,

0.0000

■ 151.8560, 35.3960,  
-2.7160

■ 151.8560, 35.3960,  
-2.7160

■ 143.9340, 43.9240,  
-3.0840

■ 159.7780, 26.8680,  
-2.3480

■ 136.4850, 52.4980,  
-4.2860

■ 167.2270, 18.2940,  
-1.1460

■ 128.5630, 61.0260,  
-4.6540

■ 175.1490, 9.7660,  
-0.7780

■ 120.5270, 69.8750,  
-5.3330

■ 183.1850, 0.9170,  
-0.0990

■ 113.1920, 78.1280,  
-6.2240

■ 190.5200, -7.3360,  
0.7920

■ 106.0850, 85.7390,  
-6.4930

■ 198.4420,  
-15.8640, 1.1600

■ 206.4780,  
-24.7130, 1.8390

■ 214.4000,  
-33.2410, 2.2070

■ 219.6830,  
-35.7160, -2.5000

# Harmonies

## Analogous

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



153.4580, 39.9330, 8.6770



151.8560, 35.3960, -2.7160



149.8170, 21.9640, -12.5960

# Triad

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



151.8560, 35.3960, -2.7160



139.8690, -45.7080, -19.6600



154.3380, -3.1670, 18.8570

# Complementary

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



151.8560, 35.3960, -2.7160



140.1440, -35.3960, 2.7160

# 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.



150.7800, -28.1990, 9.9530



151.8560, 35.3960, -2.7160



139.5120, -57.5840, -13.6800

# Square

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



151.8560, 35.3960, -2.7160



143.4340, -22.5540, -20.7780



144.2670, -49.1040, -2.1600



155.1250, 19.4820, 21.3860



# Rectangle

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



151.8560, 35.3960, -2.7160



147.9400, 8.2560, -17.4720



144.2670, -49.1040, -2.1600



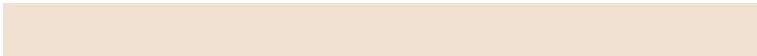
153.2660, -11.8320, 16.2000

# Sweetspot

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



151.8560, 35.3960, -2.7160



227.8890, 13.4340, -1.1740



135.3980, 32.1350, 28.8630



112.7790, 7.9320, -0.5800



247.0000, -0.0000, -0.0000



120.0000, -0.0000, -0.0000



# Same Dimension

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



151.8560, 35.3960, -2.7160



189.3390, 55.8450, -4.3710



173.5750, 25.2210, -22.0670



88.0390, 4.2640, -0.1840



90.0820, 72.6260, -5.6300



16.0030, 13.1130, -0.8630



# Inverse Universe

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



140.1440, -35.3960, 2.7160



170.6610, -55.8450, 4.3710



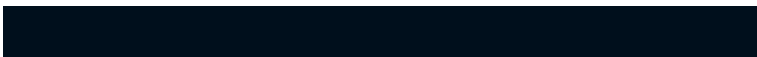
118.4250, -25.2210, 22.0670



86.3740, -3.9890, 0.7070



65.9180, -72.6260, 5.6300



11.9970, -13.1130, 0.8630



# Previews

## White Background



This preview shows how the YIQ color 151.8560, 35.3960, -2.7160 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 151.8560, 35.3960, -2.7160 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 151.8560, 35.3960, -2.7160

## Background



This preview shows how black text looks on a background with the YIQ color 151.8560, 35.3960, -2.7160.



This preview shows how white text looks on a background with the YIQ color 151.8560, 35.3960,

-2.7160.

# 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

151.8560, 35.3960, -2.7160

### Protanopia

150.6150, 19.7170, -10.4190

### Deuteranopia

151.5460, 33.3330, -3.8750



## Tritanopia

154.7910, 25.9940, 13.4980

# Trichromacy



## Original Color

151.8560, 35.3960, -2.7160

## Protanomaly

151.1320, 25.6310, -7.4650

## Deuteranomaly

151.8450, 33.9290, -3.6630

## Tritanomaly

153.9560, 29.6630, 7.5750

# Monochromacy



## Original Color

151.8560, 35.3960, -2.7160

## Achromatopsia

152.0000, -0.0000, -0.0000

## Achromatomaly

152.0030, 13.1130, -0.8630

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 151.8560, 35.3960, -2.7160 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(184, 144, 108)` looks like.

```
.text, #text, p{  
    color:rgb(184, 144, 108)  
}
```

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(184, 144, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 144, 108) }
```

## Border

The CSS property to change the border of an element to YIQ 151.8560, 35.3960, -2.7160 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(184, 144, 108) }
```



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

```
.border{ border-color:rgb(184, 144, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 144, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 144, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 144, 108);  
box-shadow:4px 4px 4px 4px rgb(184, 144,  
108) }
```

# Background

The CSS property to change the background color of an element to YIQ 151.8560, 35.3960, -2.7160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 144, 108) }
```

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

```
.background{ background-color: rgb(184,  
144, 108) }
```

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