

# Converting Colors

YIQ(147.6570, 38.2350, 17.4270)

Have a look what the booklet for  
YIQ(147.6570, 38.2350, 17.4270)  
contains.

<b>YIQ(147.6570, 38.2350, 17.4270)</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(147.6570, 38.2350,  
17.4270)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C37E87
RGB	195, 126, 135
RGB Percent	76%, 49%, 53%
CMY	0.2351, 0.5060, 0.4704
CMYK	0.00, 0.35, 0.31, 0.24
HSL	352°, 37%, 63%
HSV	352°, 35%, 76%
XYZ	34.3498, 28.2725, 26.5820
YIQ	147.6570, 38.2350, 17.4270

# Conversions

## Conversions Part 2

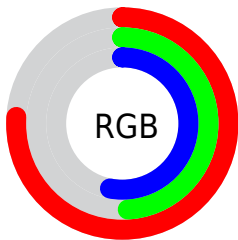
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	195, 126, 135
Decimal	12811911
CIE Lab	60.13, 27.98, 6.27
CIE LCh	60, 28.678, 12.623
Yxy	28.2725, 0.3851, 0.3169
Android (android.graphics.Color)	4291001991 (0xFFC37E87)
YUV	147.6570, -6.2399, 41.5198
Hunter-Lab	53.1719, 22.2628, 7.5797

# Details

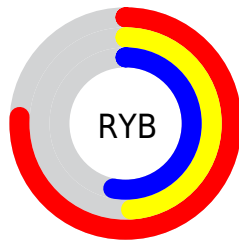
The YIQ color **147.6570, 38.2350, 17.4270** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **173.3430, -38.2350, -17.4270**, and the grayscale version is **148.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **202.1520, 41.2150, 18.4870**, and **95.8630, 34.6590, 16.1550** is the 20% darker color. If you saturate the color by 10%, you get **133.9790, 49.1920, 22.6000**, and if you desaturate by 10%, it is **160.7480, 27.5530, 12.7770**.

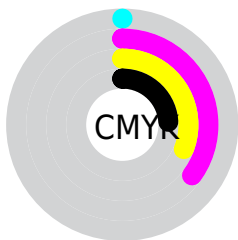
# Distribution



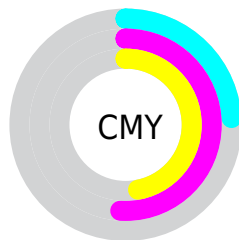
- Red (76%)
- Green (49%)
- Blue (53%)



- Red (76%)
- Yellow (49%)
- Blue (53%)



- Cyan (0%)
- Magenta (35%)
- Yellow (31%)
- Black (24%)




- Cyan (24%)
- Magenta (51%)
- Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 147.6570, 38.2350, 17.4270 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 147.6570, 38.2350, 17.4270 by changing the saturation by 10% instead.





 147.6570, 38.2350,  
17.4270


 147.6570, 38.2350,  
17.4270


255.0000, -0.0000,  
-0.0000


 121.1730, 36.7220,  
17.3140


 202.1520, 41.2150,  
18.4870


 95.8630, 34.6590,  
16.1550


 222.3780, 25.7190,  
12.9750

 71.3790, 33.1460,  
16.0420

 242.5930, 8.7560,  
6.5160

 47.7100, 30.7160,  
16.0280

 22.8670, 28.8360,  
17.0600

 12.3730, 24.1150,  
9.0030

 0.0000, 0.0000,

0.0000

■ 147.6570, 38.2350,  
17.4270

■ 147.6570, 38.2350,  
17.4270

■ 133.9790, 49.1920,  
22.6000

■ 160.7480, 27.5530,  
12.7770

■ 120.8880, 59.8740,  
27.2500

■ 174.4260, 16.5960,  
7.6040

■ 107.2100, 70.8310,  
32.4230

■ 187.5170, 5.9140,  
2.9540

■ 94.1190, 81.5130,  
37.0730

■ 201.1950, -5.0430,  
-2.2190

■ 80.4410, 92.4700,  
42.2460

■ 214.2860,  
-15.7250, -6.8690

■ 67.3500, 103.1520,  
46.8960

■ 227.9640,  
-26.6820, -12.0420

■ 61.2690, 107.8740,  
49.4260

■ 236.9460,  
-35.4390, -13.0310

■ 237.0600,  
-35.7600, -12.7200

# Harmonies

## Analogous

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



148.8050, 23.3790, 22.3470



147.6570, 38.2350, 17.4270



146.1870, 42.1340, 7.3340

# Triad

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



147.6570, 38.2350, 17.4270



139.6720, -2.7930, -20.9770



137.8370, -50.7090, -0.6050

# Complementary

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



147.6570, 38.2350, 17.4270



173.3430, -38.2350, -17.4270

# 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.



130.6900, -63.9570, -13.8210



147.6570, 38.2350, 17.4270



135.2590, -29.4310, -22.7990

# Square

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



147.6570, 38.2350, 17.4270



142.5670, 19.6720, -15.1120



131.0360, -53.5480, -20.7480



144.6170, -26.1820, 11.9460



# Rectangle

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



147.6570, 38.2350, 17.4270



145.1770, 38.9260, -0.6100



131.0360, -53.5480, -20.7480



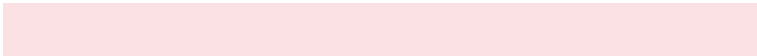
134.9670, -57.1270, -5.4390

# Sweetspot

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



147.6570, 38.2350, 17.4270



233.4150, 15.1290, 6.6570



151.8060, 13.6110, 34.1790



116.3110, 9.4900, 4.2260



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.



147.6570, 38.2350, 17.4270



179.2900, 58.6820, 26.8260



161.3060, 34.2490, 1.5530



90.1040, 5.6390, 2.4310



50.5330, 89.2150, 40.6630



10.3230, 18.3840, 8.2400



# Inverse Universe

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



147.6570, 38.2350, 17.4270



179.2900, 58.6820, 26.8260



159.6940, -34.2490, -1.5530



90.1040, 5.6390, 2.4310



50.5330, 89.2150, 40.6630



10.3230, 18.3840, 8.2400



# Previews

## White Background



This preview shows how the YIQ color 147.6570, 38.2350, 17.4270 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

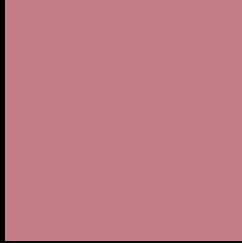
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 147.6570, 38.2350, 17.4270 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

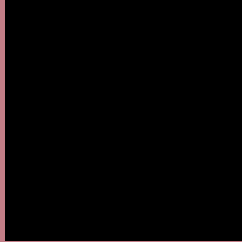
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YIQ 147.6570, 38.2350, 17.4270

## Background



This preview shows how black text looks on a background with the YIQ color 147.6570, 38.2350, 17.4270.



This preview shows how white text looks on a background with the YIQ color 147.6570, 38.2350,



# 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

147.6570, 38.2350, 17.4270

### Protanopia

145.8970, 1.7880, 0.6360

### Deuteranopia

146.2640, 16.8720, 2.6000



## Tritanopia

147.6570, 38.2350, 17.4270

# Trichromacy



## Original Color

147.6570, 38.2350, 17.4270

## Protanomaly

146.4150, 15.1290, 6.6570

## Deuteranomaly

146.7320, 24.4820, 7.8580

## Tritanomaly

147.6570, 38.2350, 17.4270

# Monochromacy



## Original Color

147.6570, 38.2350, 17.4270

## Achromatopsia

148.0000, -0.0000, 0.0000

## Achromatomaly

147.8170, 13.9370, 6.2330

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 147.6570, 38.2350, 17.4270 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(195, 126, 135)` looks like.

```
.text, #text, p{  
    color:rgb(195, 126, 135)  
}
```

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(195, 126, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 126, 135) }
```

## Border

The CSS property to change the border of an element to YIQ 147.6570, 38.2350, 17.4270 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(195, 126, 135) }
```



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

```
.border{ border-color:rgb(195, 126, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 126, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(195, 126, 135); -webkit-box-shadow:4px 4px 4px 4px rgb(195, 126, 135); box-shadow:4px 4px 4px 4px rgb(195, 126, 135) }
```

# Background

The CSS property to change the background color of an element to YIQ 147.6570, 38.2350, 17.4270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 126, 135) }
```

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

```
.background{ background-color: rgb(195,  
126, 135) }
```

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