

# Converting Colors

YIQ(140.1050, 39.4290, 6.7970)

Have a look what the booklet for  
YIQ(140.1050, 39.4290, 6.7970)  
contains.

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# Color

**YIQ(140.1050, 39.4290,  
6.7970)**

# Conversions

Conversions Part 1	
Format	Color
Hex	B67D6C
RGB	182, 125, 108
RGB Percent	71%, 49%, 42%
CMY	0.2861, 0.5099, 0.5763
CMYK	0.00, 0.31, 0.41, 0.29
HSL	14°, 34%, 57%
HSV	14°, 41%, 71%
XYZ	29.3386, 25.6938, 17.6125
YIQ	140.1050, 39.4290, 6.7970

# Conversions

## Conversions Part 2

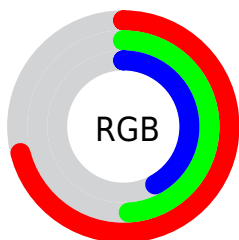
Format	Color
<a href="#">RYB</a>	<a href="#">182, 130, 108</a>
Decimal	<a href="#">11959660</a>
CIELab	<a href="#">57.75, 20.04, 18.17</a>
CIELCh	<a href="#">58, 27.057, 42.198</a>
Yxy	<a href="#">25.6938, 0.4039, 0.3537</a>
Android (android.graphics.Color)	<a href="#">4290149740</a> (0xFFB67D6C)
YUV	<a href="#">140.1050, -15.8278, 36.7419</a>
Hunter-Lab	<a href="#">50.6890, 14.6093, 14.8813</a>

# Details

The YIQ color **140.1050, 39.4290, 6.7970** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **149.8950, -39.4290, -6.7970**, and the grayscale version is **140.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **194.4860, 42.7300, 7.5460**, and **89.4250, 35.5320, 5.8360** is the 20% darker color. If you saturate the color by 10%, you get **129.8350, 49.0570, 8.5210**, and if you desaturate by 10%, it is **150.3750, 29.8010, 5.0730**.

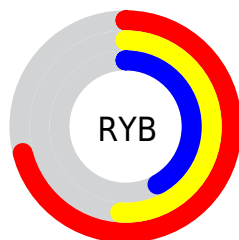
# Distribution



Red (71%)

Green (49%)

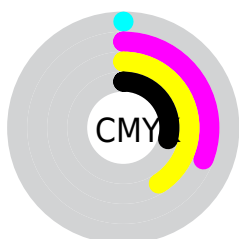
Blue (42%)



Red (71%)

Yellow (51%)

Blue (42%)

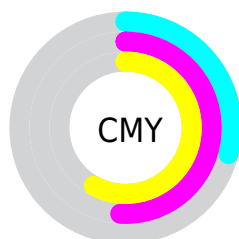


Cyan (0%)

Magenta (31%)

Yellow (41%)

Black (29%)



Cyan (29%)

Magenta (51%)


Yellow (58%)


# Brightness & Saturation Gradients

These gradients show how the YIQ color 140.1050, 39.4290, 6.7970 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 140.1050, 39.4290, 6.7970 by changing the saturation by 10% instead.





 140.1050, 39.4290,  
6.7970


 140.1050, 39.4290,  
6.7970


255.0000, -0.0000,  
-0.0000


 114.3220, 37.3200,  
6.4720


 194.4860, 42.7300,  
7.5460


 89.5390, 35.2110,  
6.1470


 218.4850, 35.3030,  
4.4790


 64.8700, 32.7810,  
6.1330

 237.9990, 18.9360,  
-1.7680

 42.0870, 30.6720,  
5.8080


 253.6320, 3.8520,  
-3.7320


 19.6460, 27.6000,  
6.4160


 6.5780, 13.1120,  
4.6640

 0.0000, 0.0000,


0.0000

 140.1050, 39.4290,  
6.7970


 140.1050, 39.4290,  
6.7970


 129.8350, 49.0570,  
8.5210


 150.3750, 29.8010,  
5.0730

 119.5650, 58.6850,  
10.2450


 160.6450, 20.1730,  
3.3490


 109.1810, 68.6340,  
11.6580


 171.0290, 10.2240,  
1.9360

 98.9110, 78.2620,  
13.3820

 181.2990, 0.5960,  
0.2120

 88.6410, 87.8900,  
15.1060

 191.5690, -9.0320,  
-1.5120

 79.0720, 96.9220,  
16.6180

 201.8390,  
-18.6600, -3.2360

■ 212.1090,  
-28.2880, -4.9600

■ 222.4930,  
-38.2370, -6.3730

■ 230.8250,  
-42.4080, -13.3840

# Harmonies

## Analogous

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



141.4610, 35.8510, 16.5790



140.1050, 39.4290, 6.7970



138.4320, 33.6540, -4.1860

# Triad

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



140.1050, 39.4290, 6.7970



129.8680, -26.7720, -21.4280



138.5740, -24.6230, 11.2250

# Complementary

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



140.1050, 39.4290, 6.7970



149.8950, -39.4290, -6.7970

# 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.



131.6910, -47.3620, -0.6900



140.1050, 39.4290, 6.7970



126.1290, -49.3760, -19.2640

# Square

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



140.1050, 39.4290, 6.7970



133.6120, -2.5640, -19.6200



125.9680, -58.8680, -12.4360



141.6050, 0.4550, 19.2950



# Rectangle

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



140.1050, 39.4290, 6.7970



137.1270, 24.0270, -11.4370



125.9680, -58.8680, -12.4360



136.2740, -32.6460, 7.9460

# Sweetspot

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



140.1050, 39.4290, 6.7970



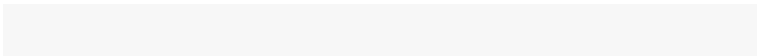
220.8940, 15.0380, 2.7980



136.7380, 25.4860, 33.7260



110.4310, 9.0320, 1.5120



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.



140.1050, 39.4290, 6.7970



171.5330, 61.7110, 10.4710



161.2370, 29.5290, -12.0310



86.8650, 4.8140, 0.8620



67.7760, 83.0760, 14.2440



11.8940, 15.0380, 2.7980



# Inverse Universe

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



149.8950, -39.4290, -6.7970



187.0540, -61.9860, -10.9940



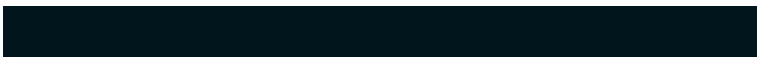
128.7630, -29.5290, 12.0310



88.1350, -4.8140, -0.8620



88.2240, -83.0760, -14.2440



16.1060, -15.0380, -2.7980



# Previews

## White Background



This preview shows how the YIQ color 140.1050, 39.4290, 6.7970 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

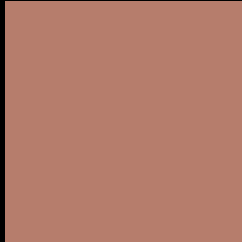
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 140.1050, 39.4290, 6.7970 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

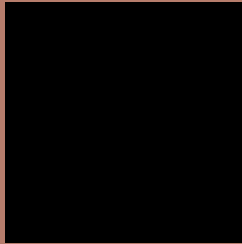
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

**YIQ 140.1050, 39.4290, 6.7970**

## **Background**



This preview shows how black text looks on a background with the YIQ color 140.1050, 39.4290, 6.7970.



This preview shows how white text looks on a background with the YIQ color 140.1050, 39.4290,



# 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

140.1050, 39.4290, 6.7970

### Protanopia

138.6560, 12.4720, -5.7680

### Deuteranopia

138.8920, 26.5470, -2.0370



## Tritanopia

141.5640, 34.0630, 15.9430

# Trichromacy



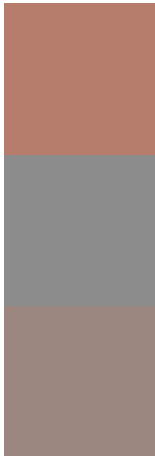
**Original Color**  
140.1050, 39.4290, 6.7970

**Protanomaly**  
139.2660, 22.5580, -1.3300

**Deuteranomaly**  
139.3380, 31.2230, 1.3270

**Tritanomaly**  
140.9400, 35.7600, 12.7200

# Monochromacy



**Original Color**  
140.1050, 39.4290, 6.7970

**Achromatopsia**  
140.0000, 0.0000, 0.0000

**Achromatomaly**  
140.1820, 14.1670, 2.0630

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 140.1050, 39.4290, 6.7970 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(182, 125, 108)` looks like.

```
.text, #text, p{  
    color:rgb(182, 125, 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(182, 125, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 125, 108) }
```

## Border

The CSS property to change the border of an element to YIQ 140.1050, 39.4290, 6.7970 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(182, 125, 108) }
```



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

```
.border{ border-color:rgb(182, 125, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 125, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 125, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 125, 108);  
box-shadow:4px 4px 4px 4px rgb(182, 125,  
108) }
```

# Background

The CSS property to change the background color of an element to YIQ 140.1050, 39.4290, 6.7970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 125, 108) }
```

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

```
.background{ background-color: rgb(182,  
125, 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](#).

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