

# Converting Colors

YIQ(145.0900, 26.5900, 13.7100)

Have a look what the booklet for  
YIQ(145.0900, 26.5900, 13.7100)  
contains.

<b>YIQ(145.0900, 26.5900, 13.7100)</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(145.0900, 26.5900,  
13.7100)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B3818B
RGB	179, 129, 139
RGB Percent	70%, 51%, 55%
CMY	0.2979, 0.4942, 0.4548
CMYK	0.00, 0.28, 0.22, 0.30
HSL	348°, 25%, 60%
HSV	348°, 28%, 70%
XYZ	31.1073, 27.1473, 28.0361
YIQ	145.0900, 26.5900, 13.7100

# Conversions

## Conversions Part 2

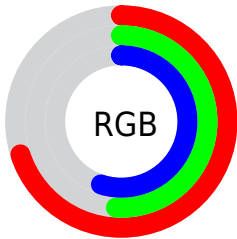
<b>Format</b>	<b>Color</b>
<b>RYB</b>	179, 129, 139
Decimal	11764107
CIELab	59.11, 20.82, 2.26
CIElCh	59, 20.941, 6.204
Yxy	27.1473, 0.3605, 0.3146
Android (android.graphics.Color)	4289954187 (0xFFB3818B)
YUV	145.0900, -3.0024, 29.7391
Hunter-Lab	52.1031, 15.3902, 4.5689

# Details

The YIQ color **145.0900, 26.5900, 13.7100** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **162.9100, -26.5900, -13.7100**, and the grayscale version is **145.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **199.2860, 28.9740, 14.5580**, and **93.8940, 24.2060, 12.8620** is the 20% darker color. If you saturate the color by 10%, you get **132.9280, 36.0340, 18.7700**, and if you desaturate by 10%, it is **157.2520, 17.1460, 8.6500**.

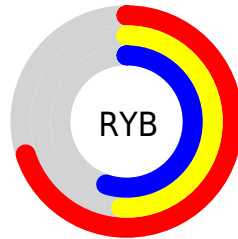
# Distribution



Red (70%)

Green (51%)

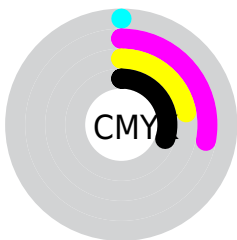
Blue (55%)



Red (70%)

Yellow (51%)

Blue (55%)

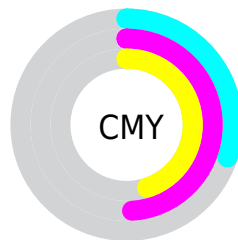


Cyan (0%)

Magenta (28%)

Yellow (22%)

Black (30%)



Cyan (30%)

Magenta (49%)


Yellow (45%)


# Brightness & Saturation Gradients

These gradients show how the YIQ color 145.0900, 26.5900, 13.7100 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 145.0900, 26.5900, 13.7100 by changing the saturation by 10% instead.





 145.0900, 26.5900,  
13.7100


 145.0900, 26.5900,  
13.7100


255.0000, -0.0000,  
-0.0000


 119.4920, 25.3980,  
13.2860


 199.2860, 28.9740,  
14.5580


 93.8940, 24.2060,  
12.8620


 224.5950, 23.6100,  
12.6500

 70.2960, 23.0140,  
12.4380

 244.3370, 6.6010,  
7.0250

 46.8120, 21.5010,  
12.3250

 24.9150, 19.7130,  
11.6890

 9.3830, 18.1550,  
6.8830

 0.0000, 0.0000,

0.0000

■ 145.0900, 26.5900,  
13.7100

■ 145.0900, 26.5900,  
13.7100

■ 132.9280, 36.0340,  
18.7700

■ 157.2520, 17.1460,  
8.6500

■ 120.6520, 45.7990,  
23.5190

■ 169.5280, 7.3810,  
3.9010

■ 108.4900, 55.2430,  
28.5790

■ 181.6900, -2.0630,  
-1.1590

■ 96.3280, 64.6870,  
33.6390

■ 193.8520,  
-11.5070, -6.2190

■ 84.0520, 74.4520,  
38.3880

■ 205.5410,  
-20.9970, -10.4450

■ 72.4770, 83.6210,  
42.9250

■ 217.7030,  
-30.4410, -15.5050

■ 60.3150, 93.0650,  
47.9850

■ 229.8650,  
-39.8850, -20.5650

■ 57.6250, 95.1280,  
49.1440

■ 232.1620,  
-44.9750, -16.4230

■ 232.2760,  
-45.2960, -16.1120

# Harmonies

## Analogous

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



145.3260, 14.3020, 16.1420



145.0900, 26.5900, 13.7100



143.9130, 31.2220, 6.8540

# Triad

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



145.0900, 26.5900, 13.7100



139.1120, 2.0200, -14.5880



137.3240, -36.0830, -1.3550

# Complementary

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



145.0900, 26.5900, 13.7100



162.9100, -26.5900, -13.7100

# 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.



134.4170, -41.0790, -9.9350



145.0900, 26.5900, 13.7100



136.3040, -16.1360, -15.9440

# Square

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



145.0900, 26.5900, 13.7100



140.8860, 17.5160, -9.0760



134.5610, -32.9170, -14.6850



141.6080, -21.9630, 7.0690



# Rectangle

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



145.0900, 26.5900, 13.7100



143.1530, 30.3060, 1.4260



134.5610, -32.9170, -14.6850



136.3620, -39.2460, -4.6060

# Sweetspot

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



145.0900, 26.5900, 13.7100



219.1370, 10.0400, 5.2720



146.3610, 7.1940, 23.8180



109.5170, 5.9140, 2.9540



245.0000, -0.0000, 0.0000



117.0000, -0.0000, 0.0000



# Same Dimension

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



145.0900, 26.5900, 13.7100



178.4450, 41.9480, 21.7240



152.1680, 25.9500, 3.2780



82.9190, 4.7220, 2.5300



49.2810, 81.2370, 42.0770



8.3440, 13.8910, 7.0670



# Inverse Universe

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



145.0900, 26.5900, 13.7100



178.4450, 41.9480, 21.7240



155.8320, -25.9500, -3.2780



82.9190, 4.7220, 2.5300



49.2810, 81.2370, 42.0770

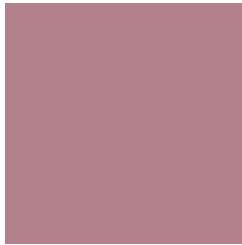


8.3440, 13.8910, 7.0670



# Previews

## White Background



This preview shows how the YIQ color 145.0900, 26.5900, 13.7100 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 145.0900, 26.5900, 13.7100 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

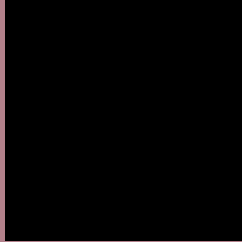
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YIQ 145.0900, 26.5900, 13.7100

## Background



This preview shows how black text looks on a background with the YIQ color 145.0900, 26.5900, 13.7100.



This preview shows how white text looks on a background with the YIQ color 145.0900, 26.5900,



# 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

145.0900, 26.5900, 13.7100

### Protanopia

143.0540, -0.0920, 1.6680

### Deuteranopia

143.8660, 12.2410, 3.9290



## Tritanopia

145.0900, 26.5900, 13.7100

# Trichromacy



## Original Color

145.0900, 26.5900, 13.7100

## Protanomaly

143.6640, 9.9940, 6.1060

## Deuteranomaly

144.6110, 17.5130, 7.5050

## Tritanomaly

145.0900, 26.5900, 13.7100

# Monochromacy



## Original Color

145.0900, 26.5900, 13.7100

## Achromatopsia

145.0000, 0.0000, -0.0000

## Achromatomaly

144.8380, 9.4440, 5.0600

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 145.0900, 26.5900, 13.7100 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(179, 129, 139)` looks like.

```
.text, #text, p{  
    color:rgb(179, 129, 139)  
}
```

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(179, 129, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 129, 139) }
```

## Border

The CSS property to change the border of an element to YIQ 145.0900, 26.5900, 13.7100 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(179, 129, 139) }
```



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

```
.border{ border-color:rgb(179, 129, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 129, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 129, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 129, 139);  
box-shadow:4px 4px 4px 4px rgb(179, 129,  
139) }
```

# Background

The CSS property to change the background color of an element to YIQ 145.0900, 26.5900, 13.7100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 129, 139) }
```

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

```
.background{ background-color: rgb(179,  
129, 139) }
```

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