

# Converting Colors

YIQ(146.1550, 27.9650, 16.3250)

Have a look what the booklet for  
YIQ(146.1550, 27.9650, 16.3250)  
contains.

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# Color

**YIQ(146.1550, 27.9650,  
16.3250)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B7808F
RGB	183, 128, 143
RGB Percent	72%, 50%, 56%
CMY	0.2822, 0.4981, 0.4391
CMYK	0.00, 0.30, 0.22, 0.28
HSL	344°, 28%, 61%
HSV	344°, 30%, 72%
XYZ	32.2130, 27.4879, 29.6046
YIQ	146.1550, 27.9650, 16.3250

# Conversions

## Conversions Part 2

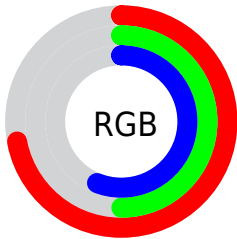
Format	Color
R <sub>Y</sub> B	183, 128, 143
Decimal	12025999
CIE Lab	59.42, 23.51, 0.47
CIE LCh	59, 23.510, 1.152
Yxy	27.4879, 0.3607, 0.3078
Android (android.graphics.Color)	4290216079 (0xFFB7808F)
YUV	146.1550, -1.5554, 32.3131
Hunter-Lab	52.4289, 17.9219, 3.2215

# Details

The YIQ color **146.1550, 27.9650, 16.3250** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **164.8450, -27.9650, -16.3250**, and the grayscale version is **146.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **200.4650, 30.0280, 17.4840**, and **94.9590, 25.5810, 15.4770** is the 20% darker color. If you saturate the color by 10%, you get **134.1070, 37.0880, 21.6960**, and if you desaturate by 10%, it is **158.2030, 18.8420, 10.9540**.

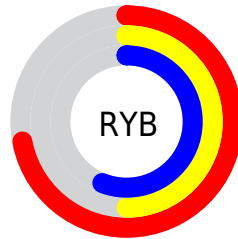
# Distribution



Red (72%)

Green (50%)

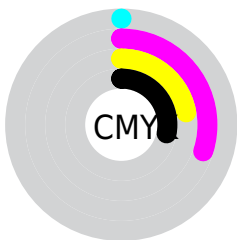
Blue (56%)



Red (72%)

Yellow (50%)

Blue (56%)

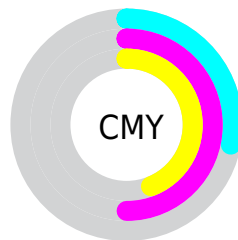


Cyan (0%)

Magenta (30%)

Yellow (22%)

Black (28%)



Cyan (28%)

Magenta (50%)


Yellow (44%)


# Brightness & Saturation Gradients

These gradients show how the YIQ color 146.1550, 27.9650, 16.3250 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 146.1550, 27.9650, 16.3250 by changing the saturation by 10% instead.





 146.1550, 27.9650,  
16.3250


 146.1550, 27.9650,  
16.3250


255.0000, -0.0000,  
-0.0000


 120.4430, 27.0940,  
15.5900


 200.4650, 30.0280,  
17.4840


 94.9590, 25.5810,  
15.4770


 224.5780, 22.2800,  
14.7280

 70.9480, 24.1140,  
14.5300

 244.2060, 5.5920,  
8.7920

 47.4640, 22.6010,  
14.4170

 24.3930, 21.3630,  
14.8270

 10.5790, 20.5390,  
7.7310

 0.0000, 0.0000,

0.0000

■ 146.1550, 27.9650,  
16.3250

■ 146.1550, 27.9650,  
16.3250

■ 134.1070, 37.0880,  
21.6960

■ 158.2030, 18.8420,  
10.9540

■ 121.3580, 46.8070,  
27.2790

■ 170.9520, 9.1230,  
5.3710

■ 109.3100, 55.9300,  
32.6500

■ 183.0000, -0.0000,  
-0.0000

■ 97.2620, 65.0530,  
38.0210

■ 195.0480, -9.1230,  
-5.3710

■ 84.6270, 74.4510,  
43.9150

■ 207.2100,  
-18.5670, -10.4310

■ 72.4650, 83.8950,  
48.9750

■ 219.8450,  
-27.9650, -16.3250

■ 60.4170, 93.0180,  
54.3460

■ 231.3060,  
-36.8130, -21.1730

■ 232.7880,  
-40.9860, -17.1300

■ 233.4720,  
-42.9120, -15.2640

# Harmonies

## Analogous

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



146.3090, 12.9720, 18.2200



146.1550, 27.9650, 16.3250



145.3480, 34.4310, 9.2710

# Triad

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



146.1550, 27.9650, 16.3250



139.4390, 5.4130, -15.5070



136.5510, -44.1520, -3.8000

# Complementary

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



146.1550, 27.9650, 16.3250



164.8450, -27.9650, -16.3250

# 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.



133.3130, -46.7180, -12.3660



146.1550, 27.9650, 16.3250



137.0220, -15.4020, -18.2340

# Square

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



146.1550, 27.9650, 16.3250



141.9250, 21.7800, -9.2600



134.1970, -34.8880, -17.5120



141.3730, -28.6110, 6.4050



# Rectangle

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



146.1550, 27.9650, 16.3250



144.3600, 34.1570, 3.2210



134.1970, -34.8880, -17.5120



134.8880, -46.7190, -6.8390

# Sweetspot

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



146.1550, 27.9650, 16.3250



222.9630, 10.5900, 6.3180



145.9310, 5.5890, 25.3730



111.2290, 6.7850, 3.6890



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.



146.1550, 27.9650, 16.3250



180.0370, 43.2770, 25.1730



151.4890, 29.4800, 5.3840



85.9190, 4.7220, 2.5300



51.5460, 79.1730, 46.4450



9.2840, 14.1200, 8.4240



# Inverse Universe

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



146.1550, 27.9650, 16.3250



180.0370, 43.2770, 25.1730



159.5110, -29.4800, -5.3840



85.9190, 4.7220, 2.5300



51.5460, 79.1730, 46.4450

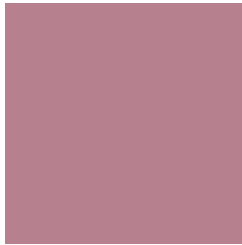


9.2840, 14.1200, 8.4240



# Previews

## White Background



This preview shows how the YIQ color 146.1550, 27.9650, 16.3250 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

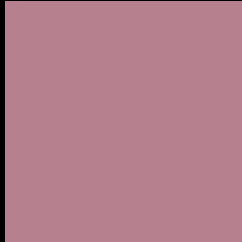
Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail



# Black Background



This preview shows how the YIQ color 146.1550, 27.9650, 16.3250 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 146.1550, 27.9650, 16.3250

## Background



This preview shows how black text looks on a background with the YIQ color 146.1550, 27.9650, 16.3250.



This preview shows how white text looks on a background with the YIQ color 146.1550, 27.9650,



# 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

146.1550, 27.9650, 16.3250

### Protanopia

144.3250, -2.2930, 3.0110

### Deuteranopia

144.9090, 10.6820, 4.6500



## Tritanopia

146.2860, 28.9740, 14.5580

# Trichromacy



## Original Color

146.1550, 27.9650, 16.3250

## Protanomaly

145.2340, 8.3890, 7.6610

## Deuteranomaly

145.3660, 16.8250, 8.9610

## Tritanomaly

146.4000, 28.6530, 14.8690

# Monochromacy



## Original Color

146.1550, 27.9650, 16.3250

## Achromatopsia

146.0000, -0.0000, -0.0000

## Achromatomaly

145.6640, 9.9940, 6.1060

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 146.1550, 27.9650, 16.3250 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(183, 128, 143)` looks like.

```
.text, #text, p{  
    color:rgb(183, 128, 143)  
}
```

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(183, 128, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 128, 143) }
```

## Border

The CSS property to change the border of an element to YIQ 146.1550, 27.9650, 16.3250 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(183, 128, 143) }
```



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

```
.border{ border-color:rgb(183, 128, 143) }
```

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

Here you see how a box with a 4 pixel rgb(183, 128, 143) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 128, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 128, 143);  
box-shadow:4px 4px 4px 4px rgb(183, 128,  
143) }
```

# Background

The CSS property to change the background color of an element to YIQ 146.1550, 27.9650, 16.3250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 128, 143) }
```

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

```
.background{ background-color: rgb(183,  
128, 143) }
```

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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