

# Converting Colors

YIQ(142.5440, 19.6200, 18.8840)

Have a look what the booklet for  
YIQ(142.5440, 19.6200, 18.8840)  
contains.

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# Color

**YIQ(142.5440, 19.6200,  
18.8840)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AD7D99
RGB	173, 125, 153
RGB Percent	68%, 49%, 60%
CMY	0.3214, 0.5099, 0.3999
CMYK	0.00, 0.28, 0.12, 0.32
HSL	325°, 23%, 58%
HSV	325°, 28%, 68%
XYZ	30.3230, 25.8506, 33.5347
YIQ	142.5440, 19.6200, 18.8840

# Conversions

## Conversions Part 2

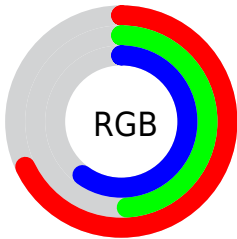
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	173, 125, 153
Decimal	11369881
CIE <sub>Lab</sub>	57.89, 23.14, -7.66
CIE <sub>LCh</sub>	58, 24.372, 341.683
Yxy	25.8506, 0.3380, 0.2882
Android (android.graphics.Color)	4289559961 (0xFFAD7D99)
YUV	142.5440, 5.1548, 26.7099
Hunter-Lab	50.8435, 17.4813, -3.5153

# Details

The YIQ color **142.5440, 19.6200, 18.8840** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **155.4560, -19.6200, -18.8840**, and the grayscale version is **142.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **196.5550, 21.0870, 19.8310**, and **91.5330, 18.1530, 17.9370** is the 20% darker color. If you saturate the color by 10%, you get **131.7670, 26.5420, 25.5980**, and if you desaturate by 10%, it is **153.3210, 12.6980, 12.1700**.

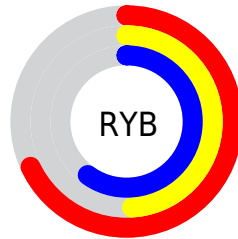
# Distribution



Red (68%)

Green (49%)

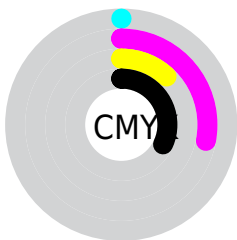
Blue (60%)



Red (68%)

Yellow (49%)

Blue (60%)

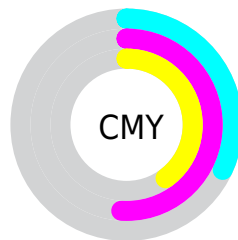


Cyan (0%)

Magenta (28%)

Yellow (12%)

Black (32%)



Cyan (32%)

Magenta (51%)


Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 142.5440, 19.6200, 18.8840 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 142.5440, 19.6200, 18.8840 by changing the saturation by 10% instead.





 142.5440, 19.6200,  
18.8840


 142.5440, 19.6200,  
18.8840


255.0000, -0.0000,  
-0.0000

 116.8320, 18.7490,  
18.1490


 196.5550, 21.0870,  
19.8310


 91.5330, 18.1530,  
17.9370


 224.0710, 19.5740,  
19.7180

 67.8210, 17.2820,  
17.2020

 242.6730, 5.7750,  
10.9830

 44.8100, 15.8150,  
16.2550

 22.0380, 15.1730,  
16.8770

 8.6150, 11.6900,  
8.4100

 0.0000, 0.0000,

0.0000

■ 142.5440, 19.6200,  
18.8840

■ 142.5440, 19.6200,  
18.8840

■ 131.7670, 26.5420,  
25.5980

■ 153.3210, 12.6980,  
12.1700

■ 120.4030, 33.7390,  
32.8350

■ 164.6850, 5.5010,  
4.9330

■ 109.5120, 40.9820,  
39.2380

■ 175.5760, -1.7420,  
-1.4700

■ 98.7350, 47.9040,  
45.9520

■ 186.3530, -8.6640,  
-8.1840

■ 87.3710, 55.1010,  
53.1890

■ 197.7170,  
-15.8610, -15.4210

■ 76.5940, 62.0230,  
59.9030

■ 208.4940,  
-22.7830, -22.1350

■ 65.8170, 68.9450,  
66.6170

■ 219.2710,  
-29.7050, -28.8490

■ 63.2410, 70.6870,  
68.0870

■ 225.4660,  
-34.7480, -31.0680

■ 226.2640,  
-36.9950, -28.8910

# Harmonies

## Analogous

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



142.1380, 0.2720, 17.1040



142.5440, 19.6200, 18.8840



141.5530, 32.5960, 14.9960

# Triad

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



142.5440, 19.6200, 18.8840



136.8920, 17.3790, -12.1010



128.6270, -50.4780, -10.3020

# Complementary

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



142.5440, 19.6200, 18.8840



155.4560, -19.6200, -18.8840

# 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.



128.7170, -42.2240, -16.7200



142.5440, 19.6200, 18.8840



134.3780, -1.7850, -17.2170

# Square

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



142.5440, 19.6200, 18.8840



138.9910, 30.5820, -3.5780



131.6020, -22.9670, -18.7990



133.6270, -41.3100, -0.2380



# Rectangle

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



142.5440, 19.6200, 18.8840



140.9460, 35.6230, 9.6950



131.6020, -22.9670, -18.7990



128.2310, -49.4230, -12.9030

# Sweetspot

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



142.5440, 19.6200, 18.8840



212.6360, 7.1970, 7.2370



136.1530, -4.0840, 18.9560



105.0870, 4.3090, 4.5090



240.0000, -0.0000, -0.0000



112.0000, -0.0000, 0.0000



# Same Dimension

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



142.5440, 19.6200, 18.8840



177.1420, 29.9800, 29.3720



139.9220, 27.0030, 11.7310



81.2610, 3.7590, 3.4630



54.8820, 61.1520, 59.1680



8.3590, 9.5350, 8.9190



# Inverse Universe

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



142.5440, 19.6200, 18.8840



177.1420, 29.9800, 29.3720



158.0780, -27.0030, -11.7310



81.2610, 3.7590, 3.4630



54.8820, 61.1520, 59.1680

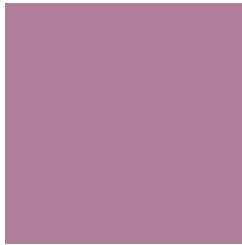


8.3590, 9.5350, 8.9190



# Previews

## White Background



This preview shows how the YIQ color 142.5440, 19.6200, 18.8840 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

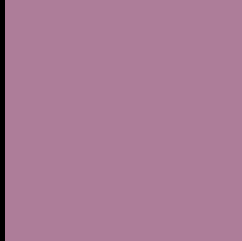
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 142.5440, 19.6200, 18.8840 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

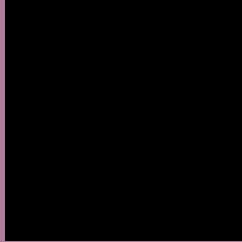
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YIQ 142.5440, 19.6200, 18.8840

## Background



This preview shows how black text looks on a background with the YIQ color 142.5440, 19.6200, 18.8840.



This preview shows how white text looks on a background with the YIQ color 142.5440, 19.6200,



# 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

142.5440, 19.6200, 18.8840

### Protanopia

139.8390, -9.4920, 6.8280

### Deuteranopia

140.7110, 2.6120, 7.7320



## Tritanopia

141.9970, 22.4180, 12.2260

# Trichromacy



## Original Color

142.5440, 19.6200, 18.8840

## Protanomaly

140.7480, 1.1900, 11.4780

## Deuteranomaly

141.1680, 8.7550, 12.0430

## Tritanomaly

142.2790, 21.6840, 14.5160

# Monochromacy



## Original Color

142.5440, 19.6200, 18.8840

## Achromatopsia

143.0000, -0.0000, 0.0000

## Achromatomaly

142.6360, 7.1970, 7.2370

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 142.5440, 19.6200, 18.8840 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(173, 125, 153)` looks like.

```
.text, #text, p{  
    color:rgb(173, 125, 153)  
}
```

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(173, 125, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 125, 153) }
```

## Border

The CSS property to change the border of an element to YIQ 142.5440, 19.6200, 18.8840 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".

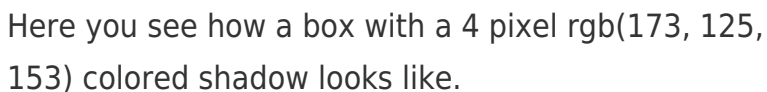
```
.border, #border, table{ border:4px solid rgb(173, 125, 153) }
```



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

```
.border{ border-color:rgb(173, 125, 153) }
```

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



Here you see how a box with a 4 pixel `rgb(173, 125, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(173, 125, 153); -webkit-box-shadow:4px 4px 4px 4px rgb(173, 125, 153); box-shadow:4px 4px 4px 4px rgb(173, 125, 153) }
```

# Background

The CSS property to change the background color of an element to YIQ 142.5440, 19.6200, 18.8840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 125, 153) }
```

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

```
.background{ background-color: rgb(173,  
125, 153) }
```

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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