

# Converting Colors

YIQ(153.8850, 20.3980, 26.8140)

Have a look what the booklet for  
YIQ(153.8850, 20.3980, 26.8140)  
contains.

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# Color

**YIQ(153.8850, 20.3980,  
26.8140)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BE83B1
RGB	190, 131, 177
RGB Percent	75%, 51%, 69%
CMY	0.2547, 0.4864, 0.3058
CMYK	0.00, 0.31, 0.07, 0.25
HSL	313°, 31%, 63%
HSV	313°, 31%, 75%
XYZ	37.2959, 30.3535, 45.4941
YIQ	153.8850, 20.3980, 26.8140

# Conversions

## Conversions Part 2

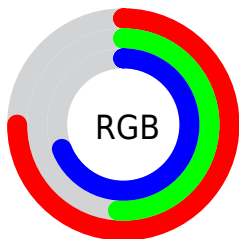
<b>Format</b>	<b>Color</b>
<b>RYB</b>	190, 131, 177
Decimal	12485553
CIELab	61.96, 30.03, -15.11
CIELCh	62, 33.614, 333.291
Yxy	30.3535, 0.3296, 0.2683
Android (android.graphics.Color)	4290675633 (0xFFBE83B1)
YUV	153.8850, 11.3957, 31.6729
Hunter-Lab	55.0940, 24.4213, -10.3932

# Details

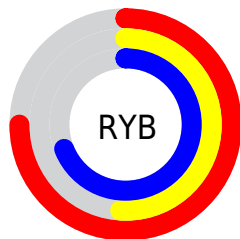
The YIQ color **153.8850, 20.3980, 26.8140** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **167.1150, -20.3980, -26.8140**, and the grayscale version is **154.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **209.0100, 21.5440, 28.0720**, and **101.7600, 19.2520, 25.5560** is the 20% darker color. If you saturate the color by 10%, you get **142.2760, 26.9070, 35.5070**, and if you desaturate by 10%, it is **165.4940, 13.8890, 18.1210**.

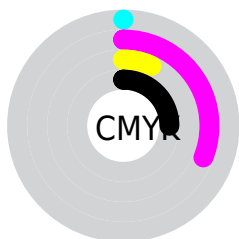
# Distribution



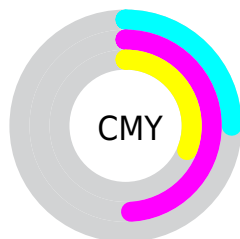
- Red (75%)
- Green (51%)
- Blue (69%)



- Red (75%)
- Yellow (51%)
- Blue (69%)



- Cyan (0%)
- Magenta (31%)
- Yellow (7%)
- Black (25%)



- Cyan (25%)
- Magenta (49%)
- Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 153.8850, 20.3980, 26.8140 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 153.8850, 20.3980, 26.8140 by changing the saturation by 10% instead.



153.8850, 20.3980,  
26.8140

153.8850, 20.3980,  
26.8140

255.0000, -0.0000,  
-0.0000

127.4720, 20.1230,  
26.2910

209.0100, 21.5440,  
28.0720

101.7600, 19.2520,  
25.5560

230.3460, 11.5500,  
21.9660

77.0480, 18.3810,  
24.8210

246.7820, 3.8500,  
7.3220

53.0370, 16.9140,  
23.8740

28.6780, 16.5470,  
25.0190

15.3090, 12.9720,  
18.2200

0.3420, -0.9630,

0.9330

■ 0.0000, 0.0000,  
0.0000

■ 153.8850, 20.3980,  
26.8140

■ 153.8850, 20.3980,  
26.8140

■ 142.2760, 26.9070,  
35.5070

■ 165.4940, 13.8890,  
18.1210

■ 130.6670, 33.4160,  
44.2000

■ 177.1030, 7.3800,  
9.4280

■ 118.9440, 40.2460,  
52.5820

■ 188.8260, 0.5500,  
1.0460

■ 107.3350, 46.7550,  
61.2750

■ 200.4350, -5.9590,  
-7.6470

■ 95.7260, 53.2640,  
69.9680

■ 212.0440,  
-12.4680, -16.3400

■ 84.1170, 59.7730,  
78.6610

■ 223.6530,  
-18.9770, -25.0330

■ 73.6820, 65.7320,  
86.3080

■ 229.9790,  
-23.0110, -29.0190

■ 230.5490,  
-24.6160, -27.4640

■ 231.0050,  
-25.9000, -26.2200

# Harmonies

## Analogous

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



152.8090, -8.8070, 21.9530



153.8850, 20.3980, 26.8140



153.0150, 40.3430, 23.2790

# Triad

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



153.8850, 20.3980, 26.8140



147.3570, 29.0710, -14.7450



125.2630, -87.9800, -24.4920

# Complementary

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



153.8850, 20.3980, 26.8140



167.1150, -20.3980, -26.8140

# 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.



132.4110, -59.2780, -27.0380



153.8850, 20.3980, 26.8140



144.3970, 5.2310, -23.2250

# Square

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



153.8850, 20.3980, 26.8140



149.7600, 44.4740, -2.0380



139.1900, -24.9830, -26.3190



135.1870, -72.4860, -7.9260



# Rectangle

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



153.8850, 20.3980, 26.8140



151.9200, 47.6800, 16.9600



139.1900, -24.9830, -26.3190



126.3300, -80.9190, -25.8070

# Sweetspot

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



153.8850, 20.3980, 26.8140



233.5160, 7.6550, 9.9510



141.6130, -11.1910, 21.1050



116.4400, 4.8130, 6.3890



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000



# Same Dimension

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



153.8850, 20.3980, 26.8140



191.3030, 31.4450, 41.3730



150.5790, 29.7070, 17.7950



88.4890, 3.1170, 4.0850



61.2640, 54.6850, 71.7490



12.0050, 10.7720, 14.0360



# Inverse Universe

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



153.8850, 20.3980, 26.8140



191.3030, 31.4450, 41.3730



170.4210, -29.7070, -17.7950



88.4890, 3.1170, 4.0850



61.2640, 54.6850, 71.7490

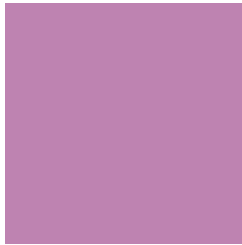


12.0050, 10.7720, 14.0360



# Previews

## White Background



This preview shows how the YIQ color 153.8850, 20.3980, 26.8140 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

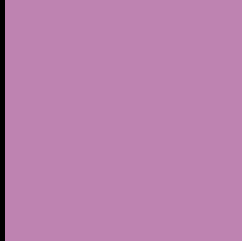
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 153.8850, 20.3980, 26.8140 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

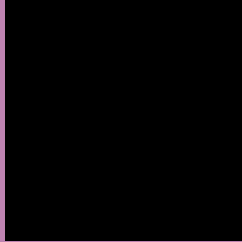
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YIQ 153.8850, 20.3980, 26.8140

## Background



This preview shows how black text looks on a background with the YIQ color 153.8850, 20.3980, 26.8140.



This preview shows how white text looks on a background with the YIQ color 153.8850, 20.3980,



# 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

153.8850, 20.3980, 26.8140

### Protanopia

150.2820, -17.9290, 11.0550

### Deuteranopia

151.2850, -4.8160, 10.1920



## Tritanopia

152.7910, 25.9940, 13.4980

# Trichromacy



## Original Color

153.8850, 20.3980, 26.8140

## Protanomaly

151.6860, -4.2670, 16.7650

## Deuteranomaly

152.3510, 3.9860, 15.8740

## Tritanomaly

153.1700, 23.6090, 18.1770

# Monochromacy



## Original Color

153.8850, 20.3980, 26.8140

## Achromatopsia

154.0000, -0.0000, -0.0000

## Achromatomaly

154.1030, 7.3800, 9.4280

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 153.8850, 20.3980, 26.8140 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(190, 131, 177)` looks like.

```
.text, #text, p{  
    color:rgb(190, 131, 177)  
}
```

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(190, 131, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 131, 177) }
```

## Border

The CSS property to change the border of an element to YIQ 153.8850, 20.3980, 26.8140 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(190, 131, 177) }
```



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

```
.border{ border-color:rgb(190, 131, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 131, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(190, 131, 177); -webkit-box-shadow:4px 4px 4px 4px rgb(190, 131, 177); box-shadow:4px 4px 4px 4px rgb(190, 131, 177) }
```

# Background

The CSS property to change the background color of an element to YIQ 153.8850, 20.3980, 26.8140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 131, 177) }
```

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

```
.background{ background-color: rgb(190,  
131, 177) }
```

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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