

# Converting Colors

`RYB(185, 150, 160)`

Have a look what the booklet for  
RYB(185, 150, 160) contains.

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# Color

**R<sub>Y</sub>B(185, 150, 160)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B996A0
RGB	185, 150, 160
RGB Percent	73%, 59%, 63%
CMY	0.2745, 0.4118, 0.3725
CMYK	0.00, 0.19, 0.14, 0.27
HSL	343°, 20%, 66%
HSV	343°, 19%, 73%
XYZ	37.2591, 34.6650, 37.9850
YIQ	161.6050, 17.6500, 10.5300

# Conversions

## Conversions Part 2

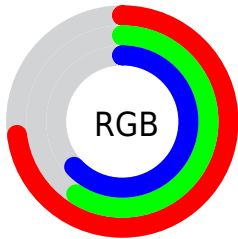
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	185, 150, 160
Decimal	12162720
CIE <sub>Lab</sub>	65.49, 14.70, -0.30
CIE <sub>LCh</sub>	65, 14.699, 358.839
Yxy	34.6650, 0.3390, 0.3154
Android (android.graphics.Color)	4290352800 (0xFFB996A0)
YUV	161.6050, -0.7913, 20.5174
Hunter-Lab	58.8770, 9.9252, 2.9625

# Details

The RYB color **185, 150, 160** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **150, 170, 185**, and the grayscale version is **162, 162, 162**.

A 20% lighter version of the original color is **241, 204, 215**, and **132, 99, 109** is the 20% darker color. If you saturate the color by 10%, you get **185, 132, 147**, and if you desaturate by 10%, it is **185, 169, 173**.

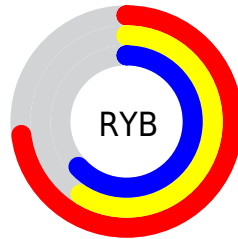
# Distribution



Red (73%)

Green (59%)

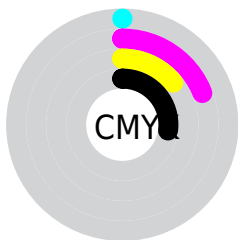
Blue (63%)



Red (73%)

Yellow (59%)

Blue (63%)

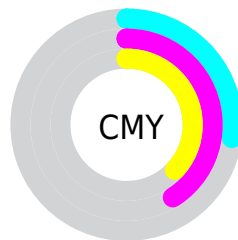


Cyan (0%)

Magenta (19%)

Yellow (14%)

Black (27%)



Cyan (27%)

Magenta (41%)

Yellow (37%)

# Brightness & Saturation Gradients

These gradients show how the RYB color 185, 150, 160 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 RYB color 185, 150, 160 by changing the saturation by 10% instead.



 185, 150, 160

255, 255, 255

 241, 204, 215


 255, 232, 243

 185, 150, 160

 158, 124, 134

 132, 99, 109

 106, 75, 84

 81, 52, 61

 58, 31, 40

 36, 8, 19

 0, 0, 0

 185, 150, 160

 185, 132, 147

 185, 150, 160

 185, 169, 173

185, 113, 134

185, 186, 187

185, 95, 120

185, 196, 205

185, 76, 107

185, 208, 224

185, 58, 94

185, 219, 243

185, 39, 81

185, 225, 255

185, 20, 67

185, 221, 255

185, 2, 54

185, 220, 255

185, 0, 53

# Harmonies

## Analogous

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



176, 152, 173



185, 150, 160



187, 151, 147

# Triad

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



185, 150, 160



136, 162, 142



130, 150, 181

# Complementary

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



185, 150, 160



150, 170, 185

# 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.



125, 147, 171



185, 150, 160



141, 162, 165

# Square

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



185, 150, 160



151, 170, 133



129, 151, 167



144, 156, 185

# Rectangle

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



185, 150, 160



184, 157, 140



129, 151, 167



127, 149, 178

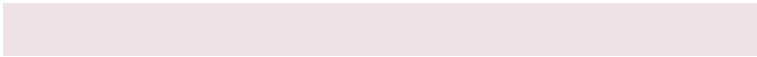


# Sweetspot

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



185, 150, 160



240, 225, 229



175, 150, 185



120, 111, 114



247, 247, 247



120, 120, 120



# Same Dimension

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



185, 150, 160



240, 185, 200



185, 159, 150



92, 83, 85



156, 0, 44



28, 0, 8



# Inverse Universe

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



185, 150, 160



240, 185, 200



150, 166, 185



92, 83, 85



156, 0, 44

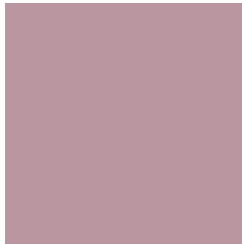


28, 0, 8



# Previews

## White Background



This preview shows how the RYB color 185, 150, 160 looks on a white background.

## Color Contrast Check

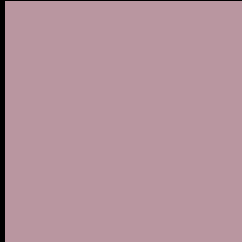
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the RYB color 185, 150, 160 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

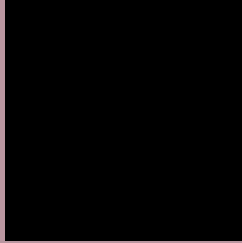
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## RYB 185, 150, 160 Background



This preview shows how black text looks on a background with the RYB color 185, 150, 160.



This preview shows how white text looks on a background with the RYB color 185, 150, 160.

# 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**  
185, 150, 160

**Protanopia**  
160, 158, 165

**Deuteranopia**  
174, 154, 159



**Tritanopia**  
185, 150, 161

# Trichromacy



**Original Color**  
185, 150, 160

**Protanomaly**  
169, 155, 163

**Deuteranomaly**  
178, 153, 159

**Tritanomaly**  
185, 150, 161

# Monochromacy



**Original Color**  
185, 150, 160

**Achromatopsia**  
162, 162, 162

**Achromatomaly**  
170, 158, 161

# CSS Examples

## Text

The CSS property to change the color of the text to RYB 185, 150, 160 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(185, 150, 160) looks like.

```
.text, #text, p{  
    color:rgb(185, 150, 160)  
}
```

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(185, 150, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 150, 160) }
```

## Border

The CSS property to change the border of an element to RYB 185, 150, 160 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(185, 150, 160) }
```

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

```
.border{ border-color:rgb(185, 150, 160) }
```

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

Here you see how a box with a 4 pixel rgb(185, 150, 160) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 150, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 150, 160);  
box-shadow:4px 4px 4px 4px rgb(185, 150,  
160) }
```

# Background

The CSS property to change the background color of an element to RYB 185, 150, 160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 150, 160) }
```

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

```
.background{ background-color: rgb(185,  
150, 160) }
```

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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