

Converting Colors

`RYB(186, 158, 153)`

Have a look what the booklet for
RYB(186, 158, 153) contains.

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Color

R_YB(186, 158, 153)

Conversions

Conversions Part 1

Format	Color
Hex	BA9D99
RGB	186, 157, 153
RGB Percent	73%, 62%, 60%
CMY	0.2706, 0.3830, 0.4000
CMYK	0.00, 0.15, 0.18, 0.27
HSL	8°, 19%, 66%
HSV	8°, 18%, 73%
XYZ	38.1144, 36.9689, 35.2639
YIQ	165.2150, 18.5680, 4.9040

Conversions

Conversions Part 2

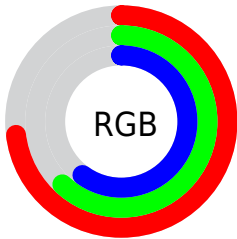
Format	Color
R_{YB}	186, 158, 153
Decimal	12230041
CIE _{Lab}	67.25, 9.86, 6.19
CIE _{LCh}	67, 11.644, 32.136
Yxy	36.9689, 0.3454, 0.3350
Android (android.graphics.Color)	4290420121 (0xFFBA9D99)
YUV	165.2150, -6.0220, 18.2284
Hunter-Lab	60.8020, 5.4910, 8.1745

Details

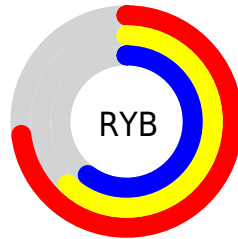
The RYB color **186, 158, 153** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **153, 168, 186**, and the grayscale version is **165, 165, 165**.

A 20% lighter version of the original color is **242, 213, 207**, and **132, 107, 102** is the 20% darker color. If you saturate the color by 10%, you get **186, 142, 134**, and if you desaturate by 10%, it is **186, 173, 172**.

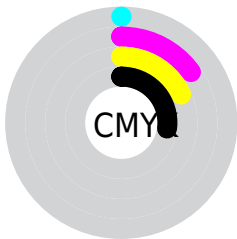
Distribution



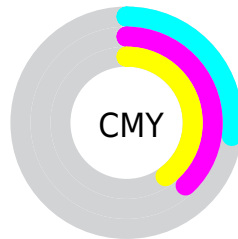
- Red (73%)
- Green (62%)
- Blue (60%)



- Red (73%)
- Yellow (62%)
- Blue (60%)



- Cyan (0%)
- Magenta (15%)
- Yellow (18%)
- Black (27%)



- Cyan (27%)
- Magenta (38%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the RYB color 186, 158, 153 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 186, 158, 153 by changing the saturation by 10% instead.

 186, 158, 153


255, 255, 255

 242, 213, 207

 255, 241, 236

 186, 158, 153

 159, 132, 127

 132, 107, 102

 107, 83, 78

 82, 60, 55


 59, 37, 34


 37, 18, 12

 0, 0, 0

 186, 158, 153

 186, 142, 134

 186, 158, 153

 186, 173, 172

 186, 126, 116

 186, 188, 190

 186, 111, 97

 186, 197, 209

 186, 95, 79

 186, 205, 227

 186, 80, 60

 186, 214, 246

 186, 63, 41

 186, 220, 255

 186, 47, 23

 186, 221, 255

 186, 32, 4

 186, 28, 0

Harmonies

Analogous

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



185, 157, 163



186, 158, 153



181, 169, 146

Triad

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



186, 158, 153



148, 164, 169



154, 162, 184

Complementary

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



186, 158, 153



153, 168, 186

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.



142, 157, 182



186, 158, 153



140, 157, 170

Square

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



186, 158, 153



146, 166, 152



137, 154, 174



167, 161, 181

Rectangle

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



186, 158, 153



165, 175, 143



137, 154, 174



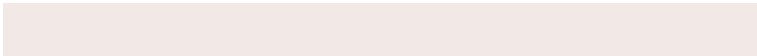
149, 160, 184

Sweetspot

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



186, 158, 153



242, 232, 230



186, 153, 182



122, 116, 115



250, 250, 250



122, 122, 122

Same Dimension

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



186, 158, 153



242, 199, 191



174, 186, 153



92, 84, 83



156, 23, 0



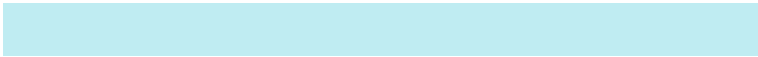
28, 5, 0

Inverse Universe

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



153, 168, 186



191, 215, 242



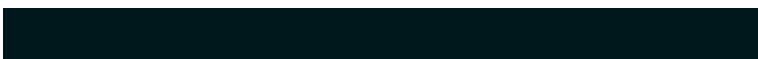
153, 162, 186



83, 87, 92



0, 72, 156



0, 13, 28

Previews

White Background



This preview shows how the RYB color 186, 158, 153 looks on a white background.

Color Contrast Check

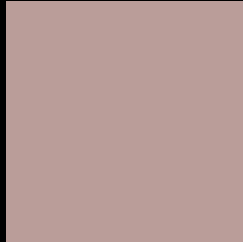
Large Text (above 18pt) WCAG AA × Fail

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 186, 158, 153 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

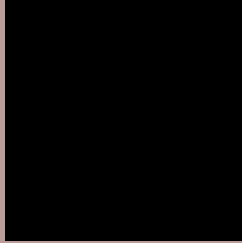
Any Text WCAG AA ✓ Pass

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 186, 158, 153 Background



This preview shows how black text looks on a background with the RYB color 186, 158, 153.



This preview shows how white text looks on a background with the RYB color 186, 158, 153.

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

186, 158, 153

Protanopia

167, 169, 156

Deuteranopia

184, 159, 153



Tritanopia
188, 155, 167

Trichromacy



Original Color

186, 158, 153

Protanomaly

175, 164, 155

Deuteranomaly

185, 159, 153

Tritanomaly

187, 156, 162

Monochromacy



Original Color

186, 158, 153

Achromatopsia

165, 165, 165

Achromatomaly

173, 162, 161

CSS Examples

Text

The CSS property to change the color of the text to RYB 186, 158, 153 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(186, 157, 153) looks like.

```
.text, #text, p{  
    color:rgb(186, 157, 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(186, 157, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 157, 153) }
```

Border

The CSS property to change the border of an element to RYB 186, 158, 153 is called "border". The border property can be set on classes, ids or directly on the HTML element.

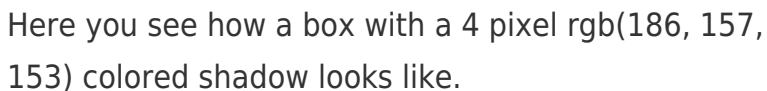
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(186, 157, 153) }
```

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

```
.border{ border-color:rgb(186, 157, 153) }
```

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



Here you see how a box with a 4 pixel `rgb(186, 157, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(186, 157, 153); -webkit-box-shadow:4px 4px 4px 4px rgb(186, 157, 153); box-shadow:4px 4px 4px 4px rgb(186, 157, 153) }
```

Background

The CSS property to change the background color of an element to RYB 186, 158, 153 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 157, 153) }
```

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

```
.background{ background-color: rgb(186,  
157, 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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