

Converting Colors

`RYB(180, 159, 138)`

Have a look what the booklet for
RYB(180, 159, 138) contains.

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Color

R_YB(180, 159, 138)

Conversions

Conversions Part 1

Format	Color
Hex	B4988A
RGB	180, 152, 138
RGB Percent	71%, 60%, 54%
CMY	0.2941, 0.4039, 0.4588
CMYK	0.00, 0.16, 0.23, 0.29
HSL	20°, 22%, 62%
HSV	20°, 23%, 71%
XYZ	34.6381, 33.9947, 28.7808
YIQ	158.7760, 21.1820, 1.5820

Conversions

Conversions Part 2

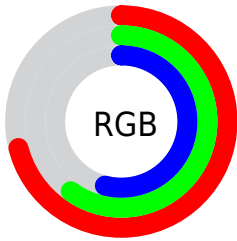
Format	Color
RYB	180, 159, 138
Decimal	11835530
CIELab	64.96, 8.18, 11.23
CIElCh	65, 13.895, 53.914
Yxy	33.9947, 0.3556, 0.3490
Android (android.graphics.Color)	4290025610 (0xFFB4988A)
YUV	158.7760, -10.2426, 18.6134
Hunter-Lab	58.3050, 4.0102, 11.5465

Details

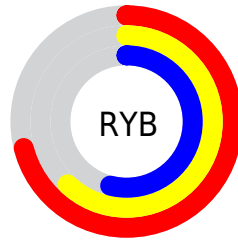
The RYB color **180, 159, 138** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **138, 155, 180**, and the grayscale version is **159, 159, 159**.

A 20% lighter version of the original color is **236, 214, 191**, and **127, 108, 88** is the 20% darker color. If you saturate the color by 10%, you get **180, 150, 120**, and if you desaturate by 10%, it is **180, 168, 156**.

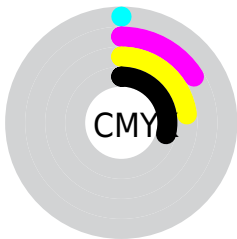
Distribution



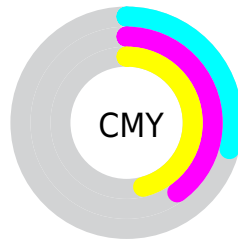
- Red (71%)
- Green (60%)
- Blue (54%)



- Red (71%)
- Yellow (62%)
- Blue (54%)



- Cyan (0%)
- Magenta (16%)
- Yellow (23%)
- Black (29%)




- Cyan (29%)
- Magenta (40%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the RYB color 180, 159, 138 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 180, 159, 138 by changing the saturation by 10% instead.


 180, 159, 138

255, 255, 255

 236, 214, 191


 255, 245, 219

 248, 255, 248


 180, 159, 138

 153, 132, 113

 127, 108, 88

 101, 83, 65

 77, 59, 43


 53, 39, 22


 33, 17, 0


 0, 0, 0


 180, 159, 138

 180, 150, 120


 180, 159, 138


 180, 168, 156


 180, 141, 102


 180, 177, 174


 180, 132, 84


 180, 185, 192

 180, 123, 66

 180, 192, 210

 180, 114, 48

 180, 199, 228

 180, 105, 30

 180, 206, 246

 180, 96, 12

 180, 212, 255

 180, 90, 0

 180, 216, 255

 180, 218, 255

Harmonies

Analogous

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



184, 149, 148



180, 159, 138



156, 170, 133

Triad

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



180, 159, 138



131, 151, 165



157, 155, 180

Complementary

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



180, 159, 138



138, 155, 180

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.



141, 154, 182



180, 159, 138



125, 145, 167

Square

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



180, 159, 138



143, 163, 163



129, 149, 177



172, 151, 172

Rectangle

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



180, 159, 138



136, 161, 134



129, 149, 177



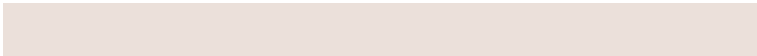
151, 156, 182

Sweetspot

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



180, 159, 138



235, 227, 218



180, 138, 166



117, 113, 108



245, 245, 245



117, 117, 117

Same Dimension

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



180, 159, 138



235, 202, 169



146, 180, 138



89, 85, 80



153, 77, 0



26, 12, 0

Inverse Universe

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



138, 155, 180



169, 195, 235



138, 144, 180



80, 84, 89



0, 61, 153



0, 10, 26

Previews

White Background



This preview shows how the RYB color 180, 159, 138 looks on a white background.

Color Contrast Check

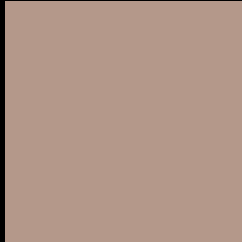
Large Text (above 18pt) WCAG AA × Fail

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 180, 159, 138 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

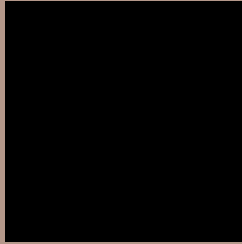
Any Text WCAG AA ✓ Pass

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](#).

RYP 180, 159, 138 Background



This preview shows how black text looks on a background with the RYP color 180, 159, 138.



This preview shows how white text looks on a background with the RYP color 180, 159, 138.

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
180, 159, 138

Protanopia
153, 165, 141

Deuteranopia
180, 159, 138



Tritanopia
183, 149, 160

Trichromacy



Original Color

180, 159, 138

Protanomaly

170, 170, 140

Deuteranomaly

180, 159, 138

Tritanomaly

182, 150, 152

Monochromacy



Original Color

180, 159, 138

Achromatopsia

159, 159, 159

Achromatomaly

167, 158, 151

CSS Examples

Text

The CSS property to change the color of the text to RYB 180, 159, 138 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(180, 152, 138) looks like.

```
.text, #text, p{  
    color:rgb(180, 152, 138)  
}
```

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(180, 152, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 152, 138) }
```

Border

The CSS property to change the border of an element to RYB 180, 159, 138 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(180, 152, 138) }
```

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

```
.border{ border-color:rgb(180, 152, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 152, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 152, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 152, 138);  
box-shadow:4px 4px 4px 4px rgb(180, 152,  
138) }
```

Background

The CSS property to change the background color of an element to RYB 180, 159, 138 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 152, 138) }
```

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

```
.background{ background-color: rgb(180,  
152, 138) }
```

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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