

Converting Colors

`RYB(188, 154, 168)`

Have a look what the booklet for
RYB(188, 154, 168) contains.

RYB(188, 154, 168)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

$\text{RYB}(188, 154, 168)$

Conversions

Conversions Part 1

Format	Color
Hex	BC9AA8
RGB	188, 154, 168
RGB Percent	74%, 60%, 66%
CMY	0.2627, 0.3961, 0.3412
CMYK	0.00, 0.18, 0.11, 0.26
HSL	335°, 20%, 67%
HSV	335°, 18%, 74%
XYZ	39.3625, 36.6297, 42.0414
YIQ	165.7620, 15.7700, 11.5620

Conversions

Conversions Part 2

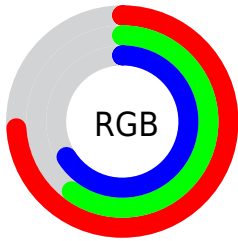
Format	Color
R _Y B	188, 154, 168
Decimal	12360360
CIE Lab	67.00, 14.94, -2.54
CIE LCh	67, 15.156, 350.369
Yxy	36.6297, 0.3335, 0.3103
Android (android.graphics.Color)	4290550440 (0xFFBC9AA8)
YUV	165.7620, 1.1033, 19.5027
Hunter-Lab	60.5225, 10.1782, 1.1805

Details

The RYB color **188, 154, 168** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **154, 175, 188**, and the grayscale version is **166, 166, 166**.

A 20% lighter version of the original color is **244, 208, 223**, and **134, 103, 116** is the 20% darker color. If you saturate the color by 10%, you get **188, 135, 157**, and if you desaturate by 10%, it is **188, 173, 179**.

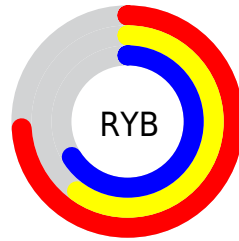
Distribution



Red (74%)

Green (60%)

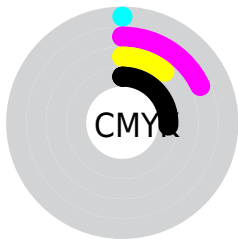
Blue (66%)



Red (74%)

Yellow (60%)

Blue (66%)

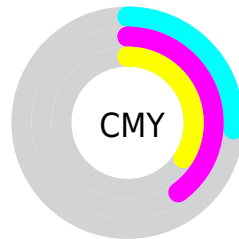


Cyan (0%)

Magenta (18%)

Yellow (11%)

Black (26%)



Cyan (26%)

Magenta (40%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the RYB color 188, 154, 168 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 188, 154, 168 by changing the saturation by 10% instead.


 188, 154, 168


255, 255, 255

 244, 208, 223

 255, 237, 252


 188, 154, 168

 161, 128, 142

 134, 103, 116

 109, 79, 91

 84, 56, 68

 61, 34, 46

 38, 13, 25

 5, 0, 0


 0, 0, 0


 188, 154, 168

 188, 154, 168

 188, 135, 157


 188, 173, 179

 188, 116, 146


 188, 191, 192

 188, 98, 135

 188, 202, 210

 188, 79, 124

 188, 214, 229

 188, 60, 113

 188, 226, 248

 188, 41, 102

 188, 228, 255

 188, 22, 91

 188, 224, 255

 188, 4, 80

 188, 222, 255

 188, 0, 77

Harmonies

Analogous

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



177, 157, 181



188, 154, 168



192, 154, 154

Triad

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



188, 154, 168



137, 165, 138



130, 153, 184

Complementary

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



188, 154, 168



154, 175, 188

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, 150, 172



188, 154, 168



145, 169, 166

Square

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



188, 154, 168



165, 178, 136



135, 157, 171



143, 158, 190

Rectangle

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



188, 154, 168



190, 157, 146



135, 157, 171



128, 151, 180

Sweetspot

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



188, 154, 168



245, 233, 238



174, 154, 188



122, 115, 118



250, 250, 250



122, 122, 122

Same Dimension

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



188, 154, 168



245, 191, 213



188, 157, 154



94, 85, 89



158, 0, 65



31, 0, 13

Inverse Universe

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



188, 154, 168



245, 191, 213



154, 170, 188



94, 85, 89



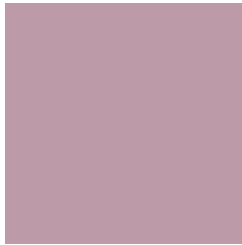
158, 0, 65



31, 0, 13

Previews

White Background



This preview shows how the RYB color 188, 154, 168 looks on a white background.

Color Contrast Check

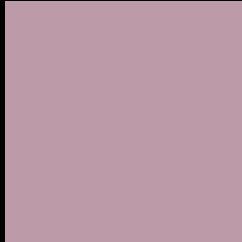
Large Text (above 18pt) WCAG AA × Fail

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 188, 154, 168 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

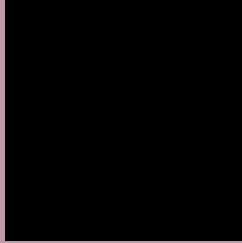
Any Text WCAG AA ✓ Pass

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 188, 154, 168 Background



This preview shows how black text looks on a background with the RYB color 188, 154, 168.



This preview shows how white text looks on a background with the RYB color 188, 154, 168.

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
188, 154, 168

Protanopia
163, 162, 173

Deuteranopia
177, 158, 167



Tritanopia
188, 154, 166

Trichromacy



Original Color
188, 154, 168

Protanomaly
172, 159, 171

Deuteranomaly
181, 157, 167

Tritanomaly
188, 154, 167

Monochromacy



Original Color
188, 154, 168

Achromatopsia
166, 166, 166

Achromatomaly
174, 162, 167

CSS Examples

Text

The CSS property to change the color of the text to RYB 188, 154, 168 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(188, 154, 168) looks like.

```
.text, #text, p{  
    color:rgb(188, 154, 168)  
}
```

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(188, 154, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 154, 168) }
```

Border

The CSS property to change the border of an element to RYB 188, 154, 168 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(188, 154, 168) }
```

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

```
.border{ border-color:rgb(188, 154, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 154, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 154, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 154, 168);  
box-shadow:4px 4px 4px 4px rgb(188, 154,  
168) }
```

Background

The CSS property to change the background color of an element to RYB 188, 154, 168 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 154, 168) }
```

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

```
.background{ background-color: rgb(188,  
154, 168) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor