

Converting Colors

`RYB(188, 167, 185)`

Have a look what the booklet for
RYB(188, 167, 185) contains.

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Color

R_YB(188, 167, 185)

Conversions

Conversions Part 1

Format	Color
Hex	BCA7B9
RGB	188, 167, 185
RGB Percent	74%, 65%, 73%
CMY	0.2627, 0.3451, 0.2745
CMYK	0.00, 0.11, 0.02, 0.26
HSL	309°, 14%, 70%
HSV	309°, 11%, 74%
XYZ	43.3147, 41.8316, 51.6903
YIQ	175.3310, 6.7380, 10.0500

Conversions

Conversions Part 2

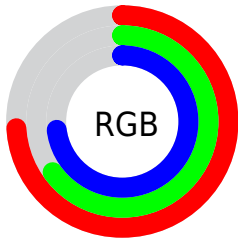
Format	Color
R_{YB}	188, 167, 185
Decimal	12363705
CIE _{Lab}	70.75, 10.83, -6.44
CIE _{LCh}	71, 12.600, 329.248
Yxy	41.8316, 0.3165, 0.3057
Android (android.graphics.Color)	4290553785 (0xFFBCA7B9)
YUV	175.3310, 4.7668, 11.1107
Hunter-Lab	64.6773, 6.3569, -2.1106

Details

The RYB color **188, 167, 185** is a light color, and the websafe version is hex **999999**. A complement of this color would be **167, 185, 188**, and the grayscale version is **175, 175, 175**.

A 20% lighter version of the original color is **244, 222, 241**, and **135, 115, 132** is the 20% darker color. If you saturate the color by 10%, you get **188, 148, 182**, and if you desaturate by 10%, it is **188, 186, 188**.

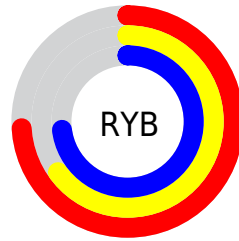
Distribution



Red (74%)

Green (65%)

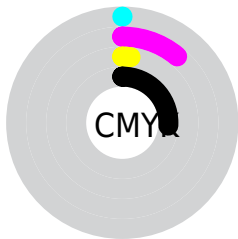
Blue (73%)



Red (74%)

Yellow (65%)

Blue (73%)

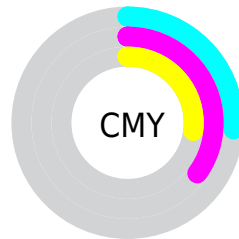


Cyan (0%)

Magenta (11%)

Yellow (2%)

Black (26%)



Cyan (26%)

Magenta (35%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the RYB color 188, 167, 185 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, 167, 185 by changing the saturation by 10% instead.


 188, 167, 185

255, 255, 255

 244, 222, 241

 255, 251, 255

 188, 167, 185

 161, 141, 158

 135, 115, 132

 109, 90, 107

 85, 67, 83

 62, 45, 60

 39, 24, 38

 20, 0, 17


 0, 0, 0

 188, 167, 185


 188, 167, 185

 188, 148, 182


 188, 186, 188

 188, 129, 180

 188, 203, 205

 188, 111, 177

 188, 219, 223

 188, 92, 174


 188, 235, 242

 188, 73, 172

 188, 246, 255

 188, 54, 169

 188, 244, 255

 188, 35, 166

 188, 242, 255

 188, 17, 164

 188, 241, 255

 188, 0, 161

 188, 239, 255

Harmonies

Analogous

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



175, 170, 193



188, 167, 185



196, 165, 174

Triad

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



188, 167, 185



167, 183, 150



144, 163, 184

Complementary

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



188, 167, 185



167, 185, 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.



147, 166, 180



188, 167, 185



153, 176, 159

Square

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



188, 167, 185



193, 178, 154



157, 176, 179



149, 166, 192

Rectangle

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



188, 167, 185



198, 166, 166



157, 176, 179



144, 162, 180

Sweetspot

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



188, 167, 185



245, 237, 244



170, 167, 188



122, 118, 122



250, 250, 250



122, 122, 122

Same Dimension

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



188, 167, 185



245, 213, 240



188, 167, 175



94, 85, 93



158, 0, 136



31, 0, 26

Inverse Universe

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



188, 167, 185



245, 213, 240



167, 180, 188



94, 85, 93



158, 0, 136



31, 0, 26

Previews

White Background



This preview shows how the RYB color 188, 167, 185 looks on a white background.

Color Contrast Check

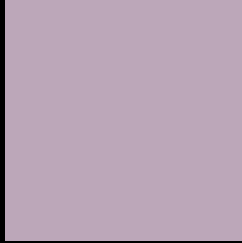
Large Text (above 18pt) WCAG AA × Fail

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, 167, 185 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

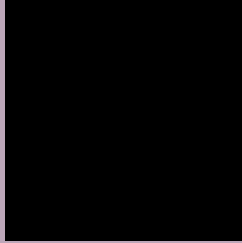
Any Text WCAG AA ✓ Pass

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, 167, 185 Background



This preview shows how black text looks on a background with the RYB color 188, 167, 185.



This preview shows how white text looks on a background with the RYB color 188, 167, 185.

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, 167, 185

Protanopia
172, 172, 188

Deuteranopia
185, 168, 185



Tritanopia
187, 168, 181

Trichromacy



Original Color

188, 167, 185

Protanomaly

178, 170, 187

Deuteranomaly

186, 168, 185

Tritanomaly

187, 168, 182

Monochromacy



Original Color

188, 167, 185

Achromatopsia

175, 175, 175

Achromatomaly

180, 172, 179

CSS Examples

Text

The CSS property to change the color of the text to RYB 188, 167, 185 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, 167, 185) looks like.

```
.text, #text, p{  
    color:rgb(188, 167, 185)  
}
```

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, 167, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 167, 185) }
```

Border

The CSS property to change the border of an element to RYB 188, 167, 185 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, 167, 185) }
```

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

```
.border{ border-color:rgb(188, 167, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 167, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 167, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 167, 185);  
box-shadow:4px 4px 4px 4px rgb(188, 167,  
185) }
```

Background

The CSS property to change the background color of an element to RYB 188, 167, 185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 167, 185) }
```

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

```
.background{ background-color: rgb(188,  
167, 185) }
```

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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