

Converting Colors

`RYB(180, 162, 187)`

Have a look what the booklet for RYB(180, 162, 187) contains.

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Color

R_YB(180, 162, 187)

Conversions

Conversions Part 1

Format	Color
Hex	B4A2BB
RGB	180, 162, 187
RGB Percent	71%, 64%, 73%
CMY	0.2941, 0.3647, 0.2667
CMYK	0.04, 0.13, 0.00, 0.27
HSL	283°, 16%, 68%
HSV	283°, 13%, 73%
XYZ	40.7124, 39.1318, 52.4211
YIQ	170.2320, 2.7030, 11.5910

Conversions

Conversions Part 2

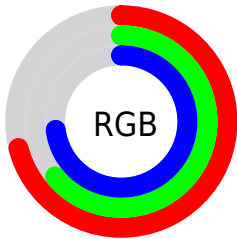
Format	Color
R _Y B	180, 162, 187
Decimal	11838139
CIE Lab	68.85, 11.19, -10.46
CIE LCh	69, 15.319, 316.913
Yxy	39.1318, 0.3078, 0.2959
Android (android.graphics.Color)	4290028219 (0xFFB4A2BB)
YUV	170.2320, 8.2666, 8.5665
Hunter-Lab	62.5554, 6.6995, -5.8959

Details

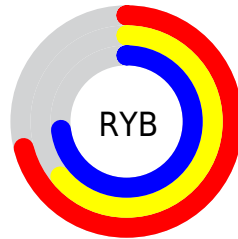
The RYB color **180, 162, 187** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **162, 187, 180**, and the grayscale version is **170, 170, 170**.

A 20% lighter version of the original color is **236, 217, 243**, and **127, 110, 134** is the 20% darker color. If you saturate the color by 10%, you get **175, 143, 187**, and if you desaturate by 10%, it is **185, 181, 187**.

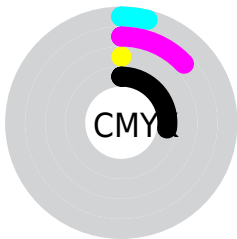
Distribution



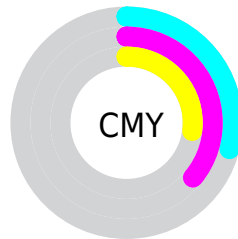
- Red (71%)
- Green (64%)
- Blue (73%)



- Red (71%)
- Yellow (64%)
- Blue (73%)



- Cyan (4%)
- Magenta (13%)
- Yellow (0%)
- Black (27%)



- Cyan (29%)
- Magenta (36%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the RYB color 180, 162, 187 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, 162, 187 by changing the saturation by 10% instead.


 180, 162, 187


255, 255, 255

 236, 217, 243

 255, 245, 255

 180, 162, 187

 153, 136, 160

 127, 110, 134

 102, 86, 109

 78, 63, 84

 55, 41, 61

 33, 20, 39

 6, 0, 19

 0, 0, 0

 180, 162, 187

 180, 162, 187

175, 143, 187

185, 181, 187

170, 125, 187

187, 199, 196

164, 106, 187

187, 218, 209

159, 87, 187

187, 237, 223

154, 69, 187

187, 255, 236

149, 50, 187

187, 255, 231

143, 31, 187

187, 255, 225

138, 12, 187

187, 255, 220

135, 0, 187

187, 255, 215

Harmonies

Analogous

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



163, 167, 194



180, 162, 187



192, 159, 175

Triad

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



180, 162, 187



178, 185, 141



132, 154, 176

Complementary

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



180, 162, 187



162, 187, 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, 163, 176



180, 162, 187



142, 171, 141

Square

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



180, 162, 187



195, 166, 148



149, 173, 167



134, 157, 188

Rectangle

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



180, 162, 187



197, 158, 165



149, 173, 167



134, 156, 176

Sweetspot

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



180, 162, 187



240, 233, 242



162, 167, 187



121, 116, 122



250, 250, 250



122, 122, 122

Same Dimension

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



180, 162, 187



231, 203, 242



187, 162, 182



92, 85, 94



114, 0, 158



22, 0, 31

Inverse Universe

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



187, 162, 169



242, 203, 214



162, 183, 187



94, 85, 88



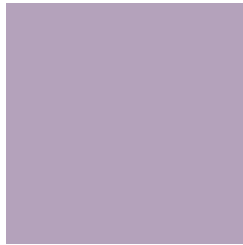
158, 0, 44



31, 0, 9

Previews

White Background



This preview shows how the RYB color 180, 162, 187 looks on a white background.

Color Contrast Check

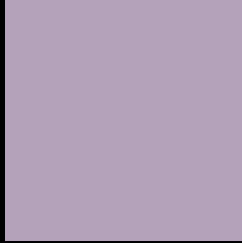
Large Text (above 18pt) WCAG AA × Fail

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, 162, 187 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

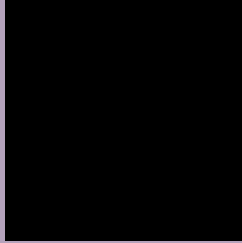
Any Text WCAG AA ✓ Pass

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, 162, 187 Background



This preview shows how black text looks on a background with the RYP color 180, 162, 187.



This preview shows how white text looks on a background with the RYP color 180, 162, 187.

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, 162, 187

Protanopia
164, 167, 190

Deuteranopia
176, 164, 187



Tritanopia
178, 164, 177

Trichromacy



Original Color

180, 162, 187

Protanomaly

170, 165, 189

Deuteranomaly

177, 163, 187

Tritanomaly

179, 163, 181

Monochromacy



Original Color

180, 162, 187

Achromatopsia

170, 170, 170

Achromatomaly

174, 167, 176

CSS Examples

Text

The CSS property to change the color of the text to RYB 180, 162, 187 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, 162, 187) looks like.

```
.text, #text, p{  
    color:rgb(180, 162, 187)  
}
```

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, 162, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 162, 187) }
```

Border

The CSS property to change the border of an element to RYB 180, 162, 187 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, 162, 187) }
```

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

```
.border{ border-color:rgb(180, 162, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 162, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 162, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 162, 187);  
box-shadow:4px 4px 4px 4px rgb(180, 162,  
187) }
```

Background

The CSS property to change the background color of an element to RYB 180, 162, 187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 162, 187) }
```

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

```
.background{ background-color: rgb(180,  
162, 187) }
```

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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