

Converting Colors

`RYB(175, 153, 187)`

Have a look what the booklet for RYB(175, 153, 187) contains.

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Color

R_YB(175, 153, 187)

Conversions

Conversions Part 1

Format	Color
Hex	AF99BB
RGB	175, 153, 187
RGB Percent	69%, 60%, 73%
CMY	0.3137, 0.4000, 0.2667
CMYK	0.06, 0.18, 0.00, 0.27
HSL	279°, 20%, 67%
HSV	279°, 18%, 73%
XYZ	38.0401, 35.4843, 51.8579
YIQ	163.4540, 2.1980, 15.2380

Conversions

Conversions Part 2

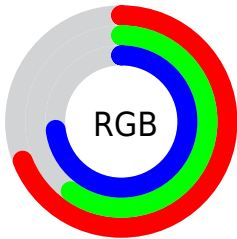
Format	Color
RYB	175, 153, 187
Decimal	11508155
CIELab	66.12, 14.49, -14.60
CIELCh	66, 20.566, 314.791
Yxy	35.4843, 0.3034, 0.2830
Android (android.graphics.Color)	4289698235 (0xFFAF99BB)
YUV	163.4540, 11.6082, 10.1258
Hunter-Lab	59.5687, 9.7434, -9.9172

Details

The RYB color **175, 153, 187** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **153, 187, 175**, and the grayscale version is **163, 163, 163**.

A 20% lighter version of the original color is **231, 207, 243**, and **122, 102, 134** is the 20% darker color. If you saturate the color by 10%, you get **168, 134, 187**, and if you desaturate by 10%, it is **182, 172, 187**.

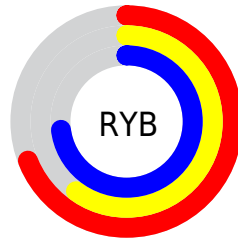
Distribution



Red (69%)

Green (60%)

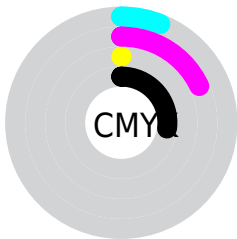
Blue (73%)



Red (69%)

Yellow (60%)

Blue (73%)

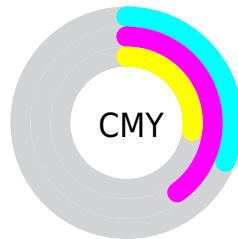


Cyan (6%)

Magenta (18%)

Yellow (0%)

Black (27%)



Cyan (31%)

Magenta (40%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the RYB color 175, 153, 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 175, 153, 187 by changing the saturation by 10% instead.


 175, 153, 187


255, 255, 255

 231, 207, 243


 255, 236, 255

 175, 153, 187

 148, 127, 160

 122, 102, 134

 97, 78, 108

 73, 55, 84


 50, 33, 61

 29, 12, 39

 0, 1, 18

 0, 0, 0

 175, 153, 187

 175, 153, 187

168, 134, 187

182, 172, 187

162, 116, 187

187, 190, 189

155, 97, 187

187, 209, 201

149, 78, 187

187, 228, 214

142, 59, 187

187, 246, 225

135, 41, 187

187, 255, 227

129, 22, 187

187, 255, 221

122, 3, 187

187, 255, 214

121, 0, 187

187, 255, 208

Harmonies

Analogous

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



151, 158, 196



175, 153, 187



192, 149, 171

Triad

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



175, 153, 187



177, 183, 126



111, 142, 171

Complementary

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



175, 153, 187



153, 187, 175

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.



124, 154, 171



175, 153, 187



128, 165, 125

Square

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



175, 153, 187



196, 157, 135



134, 167, 157



111, 144, 186

Rectangle

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



175, 153, 187



198, 148, 158



134, 167, 157



114, 145, 171

Sweetspot

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



175, 153, 187



238, 230, 242



153, 162, 187



120, 115, 122



250, 250, 250



122, 122, 122

Same Dimension

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



175, 153, 187



223, 189, 242



187, 153, 182



91, 85, 94



102, 0, 158



20, 0, 31

Inverse Universe

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



187, 153, 165



242, 189, 208



153, 183, 187



94, 85, 88



158, 0, 56



31, 0, 11

Previews

White Background



This preview shows how the RYB color 175, 153, 187 looks on a white background.

Color Contrast Check

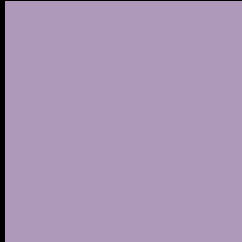
Large Text (above 18pt) WCAG AA × Fail

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 175, 153, 187 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

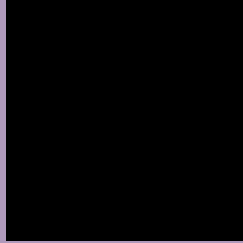
Any Text WCAG AA ✓ Pass

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](#).

RYB 175, 153, 187 Background



This preview shows how black text looks on a background with the RYB color 175, 153, 187.



This preview shows how white text looks on a background with the RYB color 175, 153, 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
[175](#), [153](#), [187](#)

Protanopia
[154](#), [158](#), [191](#)

Deuteranopia
[164](#), [157](#), [186](#)



Tritanopia
172, 156, 169

Trichromacy



Original Color
175, 153, 187

Protanomaly
162, 157, 190

Deuteranomaly
168, 156, 186

Tritanomaly
173, 155, 176

Monochromacy



Original Color
175, 153, 187

Achromatopsia
163, 163, 163

Achromatomaly
167, 159, 172

CSS Examples

Text

The CSS property to change the color of the text to RYB 175, 153, 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(175, 153, 187) looks like.

```
.text, #text, p{  
    color:rgb(175, 153, 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(175, 153, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 153, 187) }
```

Border

The CSS property to change the border of an element to RYB 175, 153, 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(175, 153, 187) }
```

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

```
.border{ border-color:rgb(175, 153, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 153, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 153, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 153, 187);  
box-shadow:4px 4px 4px 4px rgb(175, 153,  
187) }
```

Background

The CSS property to change the background color of an element to RYB 175, 153, 187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 153, 187) }
```

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

```
.background{ background-color: rgb(175,  
153, 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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