

Converting Colors

`RYB(181, 153, 194)`

Have a look what the booklet for RYB(181, 153, 194) contains.

RYB(181, 153, 194)	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

R_YB(181, 153, 194)

Conversions

Conversions Part 1

Format	Color
Hex	B599C2
RGB	181, 153, 194
RGB Percent	71%, 60%, 76%
CMY	0.2902, 0.4000, 0.2392
CMYK	0.07, 0.21, 0.00, 0.24
HSL	281°, 25%, 68%
HSV	281°, 21%, 76%
XYZ	40.1849, 36.5013, 55.9664
YIQ	166.0460, 3.5270, 18.6870

Conversions

Conversions Part 2

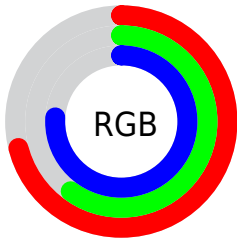
Format	Color
R_{YB}	181, 153, 194
Decimal	11901378
CIE _{Lab}	66.90, 17.94, -17.28
CIE _{LCh}	67, 24.904, 316.078
Yxy	36.5013, 0.3029, 0.2752
Android (android.graphics.Color)	4290091458 (0xFFB599C2)
YUV	166.0460, 13.7813, 13.1147
Hunter-Lab	60.4163, 12.9979, -12.6317

Details

The RYB color **181, 153, 194** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **153, 194, 181**, and the grayscale version is **166, 166, 166**.

A 20% lighter version of the original color is **237, 207, 251**, and **128, 102, 140** is the 20% darker color. If you saturate the color by 10%, you get **175, 134, 194**, and if you desaturate by 10%, it is **187, 172, 194**.

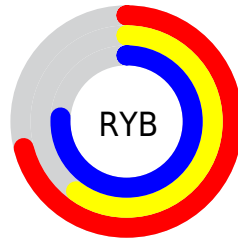
Distribution



Red (71%)

Green (60%)

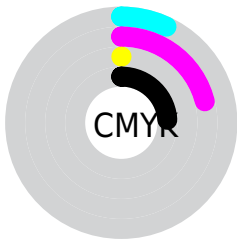
Blue (76%)



Red (71%)

Yellow (60%)

Blue (76%)

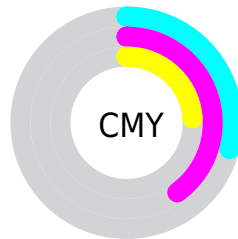


Cyan (7%)

Magenta (21%)

Yellow (0%)

Black (24%)



Cyan (29%)

Magenta (40%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the RYB color 181, 153, 194 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 181, 153, 194 by changing the saturation by 10% instead.


 181, 153, 194


255, 255, 255


 237, 207, 251


 255, 236, 255

 181, 153, 194


 154, 127, 167

 128, 102, 140

 102, 78, 115

 78, 55, 90


 55, 33, 67

 33, 12, 44

 0, 0, 24

 0, 0, 0

 181, 153, 194

 181, 153, 194

175, 134, 194

187, 172, 194

169, 114, 194

193, 192, 194

163, 95, 194

194, 211, 206

156, 75, 194

194, 231, 219

150, 56, 194

194, 250, 232

144, 37, 194

194, 255, 231

138, 17, 194

194, 255, 225

132, 0, 194

194, 255, 219

194, 255, 213

Harmonies

Analogous

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



152, 160, 206



181, 153, 194



201, 148, 174

Triad

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



181, 153, 194



176, 189, 120



99, 137, 175

Complementary

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



181, 153, 194



153, 194, 181

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.



116, 153, 175



181, 153, 194



122, 167, 120

Square

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



181, 153, 194



204, 159, 131



131, 171, 161



99, 141, 194

Rectangle

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



181, 153, 194



207, 146, 159



131, 171, 161



103, 141, 175

Sweetspot

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



181, 153, 194



248, 237, 252



153, 163, 194



125, 119, 128



0, 0, 0



128, 128, 128

Same Dimension

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



181, 153, 194



232, 189, 252



194, 153, 187



94, 87, 97



110, 0, 161



23, 0, 33

Inverse Universe

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



194, 153, 166



252, 189, 209



153, 188, 194



97, 87, 90



161, 0, 51



33, 0, 11

Previews

White Background



This preview shows how the RYB color 181, 153, 194 looks on a white background.

Color Contrast Check

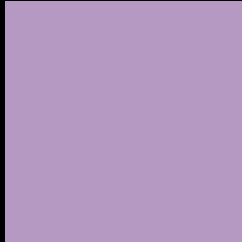
Large Text (above 18pt) WCAG AA × Fail

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 181, 153, 194 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

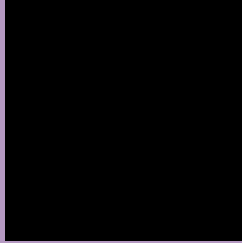
Any Text WCAG AA ✓ Pass

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 181, 153, 194 Background



This preview shows how black text looks on a background with the RYB color 181, 153, 194.

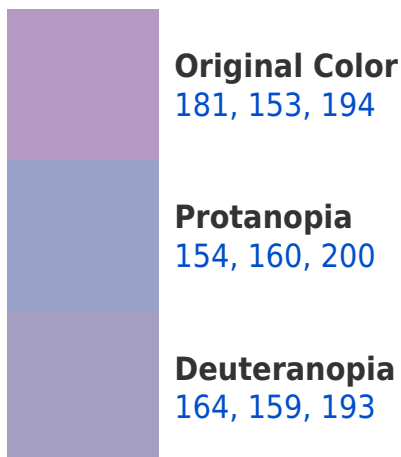


This preview shows how white text looks on a background with the RYB color 181, 153, 194.

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





Tritanopia
177, 157, 170

Trichromacy



Original Color
181, 153, 194

Protanomaly
164, 158, 198

Deuteranomaly
170, 157, 193

Tritanomaly
178, 156, 179

Monochromacy



Original Color
181, 153, 194

Achromatopsia
166, 166, 166

Achromatomaly
171, 161, 176

CSS Examples

Text

The CSS property to change the color of the text to RYB 181, 153, 194 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(181, 153, 194)` looks like.

```
.text, #text, p{  
    color:rgb(181, 153, 194)  
}
```

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(181, 153, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 153, 194) }
```

Border

The CSS property to change the border of an element to RYB 181, 153, 194 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(181, 153, 194) }
```

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

```
.border{ border-color:rgb(181, 153, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 153, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 153, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 153, 194);  
box-shadow:4px 4px 4px 4px rgb(181, 153,  
194) }
```

Background

The CSS property to change the background color of an element to RYB 181, 153, 194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 153, 194) }
```

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

```
.background{ background-color: rgb(181,  
153, 194) }
```

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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