

Converting Colors

`RYB(153, 143, 184)`

Have a look what the booklet for
RYB(153, 143, 184) contains.

RYB(153, 143, 184)	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(153, 143, 184)

Conversions

Conversions Part 1

Format	Color
Hex	998FB8
RGB	153, 143, 184
RGB Percent	60%, 56%, 72%
CMY	0.4000, 0.4392, 0.2784
CMYK	0.17, 0.22, 0.00, 0.28
HSL	255°, 22%, 64%
HSV	255°, 22%, 72%
XYZ	31.6111, 29.8779, 49.4483
YIQ	150.6640, -7.2010, 14.8710

Conversions

Conversions Part 2

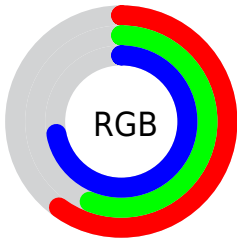
Format	Color
R_{YB}	153, 143, 184
Decimal	10063800
CIE _{Lab}	61.55, 12.16, -20.03
CIE _{LCh}	62, 23.428, 301.264
Yxy	29.8779, 0.2849, 0.2693
Android (android.graphics.Color)	4288253880 (0xFF998FB8)
YUV	150.6640, 16.4346, 2.0487
Hunter-Lab	54.6607, 7.5729, -15.3737

Details

The RYB color **153, 143, 184** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **143, 184, 153**, and the grayscale version is **151, 151, 151**.

A 20% lighter version of the original color is **208, 197, 240**, and **101, 93, 131** is the 20% darker color. If you saturate the color by 10%, you get **139, 125, 184**, and if you desaturate by 10%, it is **167, 161, 184**.

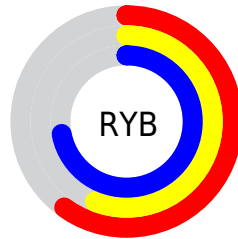
Distribution



Red (60%)

Green (56%)

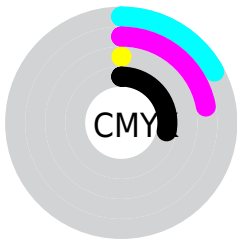
Blue (72%)



Red (60%)

Yellow (56%)

Blue (72%)

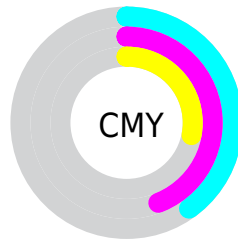


Cyan (17%)

Magenta (22%)

Yellow (0%)

Black (28%)



Cyan (40%)

Magenta (44%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the RYB color 153, 143, 184 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 153, 143, 184 by changing the saturation by 10% instead.

 153, 143, 184

255, 255, 255


 208, 197, 240

 236, 225, 255

 255, 253, 255


 153, 143, 184


 127, 117, 157

 101, 93, 131

 77, 69, 106

 54, 47, 81


 31, 26, 58

 12, 0, 37

 0, 1, 13

 0, 0, 0

 153, 143, 184

 153, 143, 184

■ 139, 125, 184

■ 167, 161, 184

■ 125, 106, 184

■ 181, 180, 184

■ 111, 88, 184

■ 184, 198, 187

■ 97, 69, 184

■ 184, 217, 192

■ 83, 51, 184

■ 184, 235, 196

■ 70, 33, 184

■ 184, 253, 201

■ 56, 14, 184

■ 184, 255, 189

■ 45, 0, 184

■ 184, 255, 184

Harmonies

Analogous

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



124, 143, 190



153, 143, 184



176, 137, 169

Triad

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



153, 143, 184



180, 161, 113



96, 131, 160

Complementary

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



153, 143, 184



143, 184, 153

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.



117, 149, 158



153, 143, 184



127, 163, 107

Square

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



153, 143, 184



190, 136, 128



113, 154, 126



87, 126, 169

Rectangle

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



153, 143, 184



186, 134, 156



113, 154, 126



102, 136, 160

Sweetspot

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



153, 143, 184



227, 223, 240



143, 161, 184



113, 110, 120



247, 247, 247



120, 120, 120

Same Dimension

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



153, 143, 184



191, 175, 240



173, 143, 184



85, 83, 92



38, 0, 156



7, 0, 28

Inverse Universe

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



184, 143, 174



240, 175, 224



143, 184, 173



92, 83, 90



156, 0, 118



28, 0, 21

Previews

White Background



This preview shows how the RYB color 153, 143, 184 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 153, 143, 184 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

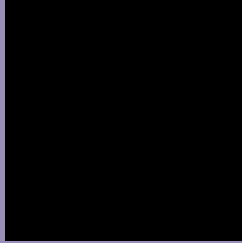
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 153, 143, 184 Background



This preview shows how black text looks on a background with the RYB color 153, 143, 184.



This preview shows how white text looks on a background with the RYB color 153, 143, 184.

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
[153](#), [143](#), [184](#)

Protanopia
[139](#), [146](#), [187](#)

Deuteranopia
[145](#), [146](#), [183](#)



Tritanopia

149, 147, 159

Trichromacy



Original Color

153, 143, 184

Protanomaly

144, 146, 186

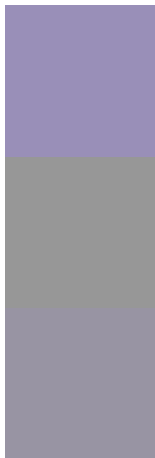
Deuteranomaly

148, 145, 183

Tritanomaly

150, 146, 168

Monochromacy



Original Color

153, 143, 184

Achromatopsia

151, 151, 151

Achromatomaly

152, 148, 163

CSS Examples

Text

The CSS property to change the color of the text to RYB 153, 143, 184 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(153, 143, 184)` looks like.

```
.text, #text, p{  
    color:rgb(153, 143, 184)  
}
```

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(153, 143, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 143, 184) }
```

Border

The CSS property to change the border of an element to RYB 153, 143, 184 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(153, 143, 184) }
```

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

```
.border{ border-color:rgb(153, 143, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 143, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(153, 143, 184); -webkit-box-shadow:4px 4px 4px 4px rgb(153, 143, 184); box-shadow:4px 4px 4px 4px rgb(153, 143, 184) }
```

Background

The CSS property to change the background color of an element to RYB 153, 143, 184 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 143, 184) }
```

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

```
.background{ background-color: rgb(153,  
143, 184) }
```

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