

Converting Colors

`RYB(153, 160, 178)`

Have a look what the booklet for
RYB(153, 160, 178) contains.

RYB(153, 160, 178)	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

`RYB(153, 160, 178)`

Conversions

Conversions Part 1

Format	Color
Hex	99A3B2
RGB	153, 163, 178
RGB Percent	60%, 64%, 70%
CMY	0.4000, 0.3619, 0.3020
CMYK	0.14, 0.09, 0.00, 0.30
HSL	217°, 14%, 65%
HSV	217°, 14%, 70%
XYZ	34.2207, 36.0825, 47.2805
YIQ	161.7200, -10.7750, 2.5450

Conversions

Conversions Part 2

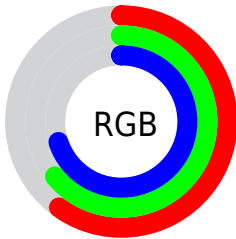
Format	Color
R_{YB}	153, 160, 178
Decimal	10068914
CIE Lab	66.58, -0.26, -9.07
CIE LCh	67, 9.070, 268.367
Yxy	36.0825, 0.2910, 0.3069
Android (android.graphics.Color)	4288258994 (0xFF99A3B2)
YUV	161.7200, 8.0260, -7.6474
Hunter-Lab	60.0687, -3.4302, -4.6194

Details

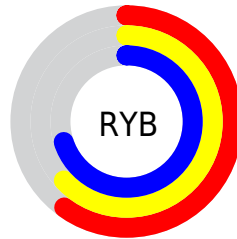
The RYB color **153, 160, 178** is a light color, and the websafe version is hex **999999**. A complement of this color would be **170, 178, 153**, and the grayscale version is **161, 161, 161**.

A 20% lighter version of the original color is **207, 215, 234**, and **102, 108, 125** is the 20% darker color. If you saturate the color by 10%, you get **135, 147, 178**, and if you desaturate by 10%, it is **171, 173, 178**.

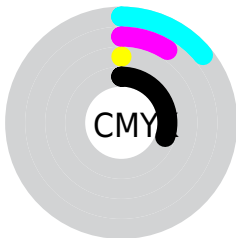
Distribution



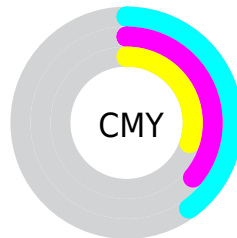
- Red (60%)
- Green (64%)
- Blue (70%)



- Red (60%)
- Yellow (63%)
- Blue (70%)



- Cyan (14%)
- Magenta (9%)
- Yellow (0%)
- Black (30%)



- Cyan (40%)
- Magenta (36%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the RYB color 153, 160, 178 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, 160, 178 by changing the saturation by 10% instead.


 153, 160, 178


255, 255, 255

 207, 215, 234

 236, 243, 255


 153, 160, 178


 127, 134, 151

 102, 108, 125

 78, 84, 100

 55, 61, 77

 33, 39, 54

 12, 18, 32

 0, 0, 8

 0, 0, 0

 153, 160, 178

 153, 160, 178

■ 135, 147, 178

■ 171, 173, 178

■ 117, 134, 178

■ 187, 189, 178

■ 100, 122, 178

■ 196, 206, 178

■ 82, 109, 178

■ 208, 224, 178

■ 64, 96, 178

■ 219, 242, 178

■ 46, 83, 178

■ 220, 255, 178

■ 28, 70, 178

■ 198, 255, 178

■ 11, 58, 178

■ 183, 255, 178

■ 0, 50, 178

■ 178, 255, 178

Harmonies

Analogous

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



145, 157, 175



153, 160, 178



163, 160, 176

Triad

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



153, 160, 178



180, 157, 155



151, 164, 166

Complementary

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



153, 160, 178



170, 178, 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.



148, 164, 152



153, 160, 178



176, 166, 148

Square

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



153, 160, 178



178, 157, 163



158, 169, 146



144, 157, 167

Rectangle

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



153, 160, 178



170, 158, 173



158, 169, 146



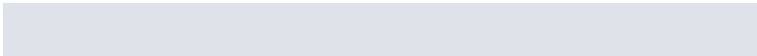
151, 165, 162

Sweetspot

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



153, 160, 178



223, 225, 232



153, 169, 178



111, 113, 117



245, 245, 245



117, 117, 117

Same Dimension

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



153, 160, 178



193, 204, 232



155, 153, 178



80, 83, 89



0, 43, 153



0, 7, 26

Inverse Universe

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



178, 153, 163



232, 193, 208



153, 178, 155



89, 80, 84



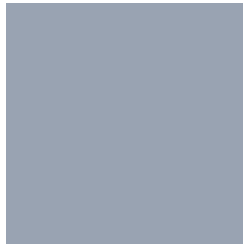
153, 0, 60



26, 0, 10

Previews

White Background



This preview shows how the RYB color 153, 160, 178 looks on a white background.

Color Contrast Check

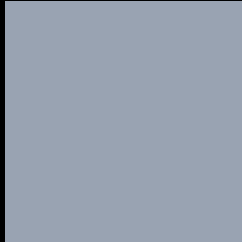
Large Text (above 18pt) WCAG AA × Fail

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 153, 160, 178 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

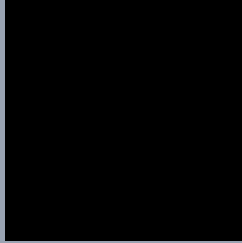
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

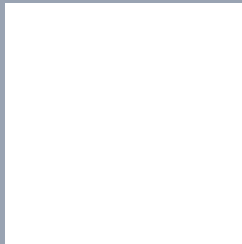
Any Text WCAG AAA ✓ Pass

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

R Y B 153, 160, 178 Background



This preview shows how black text looks on a background with the R Y B color 153, 160, 178.



This preview shows how white text looks on a background with the R Y B color 153, 160, 178.

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

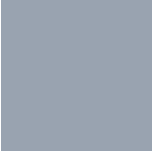
[153](#), [160](#), [178](#)

Protanopia

[160](#), [161](#), [177](#)

Deuteranopia

[169](#), [157](#), [179](#)



Tritanopia

153, 160, 176

Trichromacy



Original Color
153, 160, 178

Protanomaly
157, 161, 177

Deuteranomaly
163, 159, 179

Tritanomaly
153, 160, 177

Monochromacy



Original Color
153, 160, 178

Achromatopsia
162, 162, 162

Achromatomaly
159, 161, 168

CSS Examples

Text

The CSS property to change the color of the text to RYB 153, 160, 178 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, 163, 178)` looks like.

```
.text, #text, p{  
    color:rgb(153, 163, 178)  
}
```

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, 163, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 163, 178) }
```

Border

The CSS property to change the border of an element to RYB 153, 160, 178 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, 163, 178) }
```

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

```
.border{ border-color:rgb(153, 163, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 163, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 163, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 163, 178);  
box-shadow:4px 4px 4px 4px rgb(153, 163,  
178) }
```

Background

The CSS property to change the background color of an element to RYB 153, 160, 178 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 163, 178) }
```

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

```
.background{ background-color: rgb(153,  
163, 178) }
```

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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