

Converting Colors

`RYB(159, 145, 178)`

Have a look what the booklet for RYB(159, 145, 178) contains.

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Color

R_YB(159, 145, 178)

Conversions

Conversions Part 1

Format	Color
Hex	9F91B2
RGB	159, 145, 178
RGB Percent	62%, 57%, 70%
CMY	0.3765, 0.4314, 0.3020
CMYK	0.11, 0.19, 0.00, 0.30
HSL	265°, 18%, 63%
HSV	265°, 19%, 70%
XYZ	32.4594, 30.8361, 46.3606
YIQ	152.9480, -2.2490, 13.2310

Conversions

Conversions Part 2

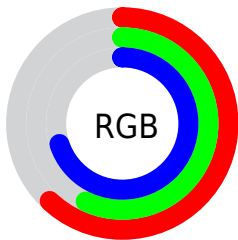
Format	Color
RYB	159, 145, 178
Decimal	10457522
CIELab	62.37, 11.69, -15.34
CIELCh	62, 19.292, 307.315
Yxy	30.8361, 0.2960, 0.2812
Android (android.graphics.Color)	4288647602 (0xFF9F91B2)
YUV	152.9480, 12.3506, 5.3076
Hunter-Lab	55.5302, 7.1615, -10.6284

Details

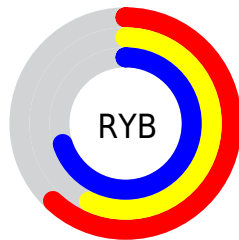
The RYB color **159, 145, 178** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **145, 178, 159**, and the grayscale version is **153, 153, 153**.

A 20% lighter version of the original color is **214, 199, 234**, and **107, 95, 125** is the 20% darker color. If you saturate the color by 10%, you get **149, 127, 178**, and if you desaturate by 10%, it is **169, 163, 178**.

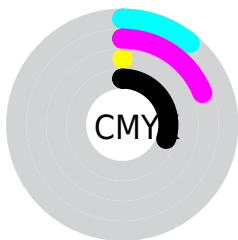
Distribution



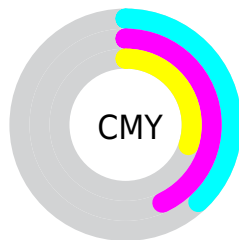
- Red (62%)
- Green (57%)
- Blue (70%)



- Red (62%)
- Yellow (57%)
- Blue (70%)



- Cyan (11%)
- Magenta (19%)
- Yellow (0%)
- Black (30%)



- Cyan (38%)
- Magenta (43%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the RYB color 159, 145, 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 159, 145, 178 by changing the saturation by 10% instead.

■ 159, 145, 178

255, 255, 255

■ 214, 199, 234

■ 242, 227, 255

■ 159, 145, 178

■ 133, 119, 151

■ 107, 95, 125

■ 83, 71, 100

■ 60, 48, 76

■ 37, 27, 53

■ 18, 1, 32

■ 0, 0, 5

■ 0, 0, 0

■ 159, 145, 178

■ 159, 145, 178

149, 127, 178

169, 163, 178

139, 109, 178

178, 181, 180

128, 92, 178

178, 198, 186

118, 74, 178

178, 216, 194

108, 56, 178

178, 234, 202

98, 38, 178

178, 252, 210

87, 20, 178

178, 255, 202

77, 3, 178

178, 255, 192

76, 0, 178

178, 255, 182

Harmonies

Analogous

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



136, 147, 184



159, 145, 178



177, 140, 164

Triad

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



159, 145, 178



175, 166, 120



107, 136, 161

Complementary

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



159, 145, 178



145, 178, 159

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.



121, 148, 159



159, 145, 178



128, 160, 117

Square

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



159, 145, 178



185, 143, 131



123, 156, 139



104, 135, 171

Rectangle

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



159, 145, 178



184, 139, 153



123, 156, 139



111, 139, 161

Sweetspot

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



159, 145, 178



224, 218, 232



145, 157, 178



113, 109, 117



245, 245, 245



117, 117, 117

Same Dimension

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



159, 145, 178



203, 181, 232



175, 145, 178



84, 80, 89



65, 0, 153



11, 0, 26

Inverse Universe

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



178, 145, 164



232, 181, 210



145, 178, 175



89, 80, 85



153, 0, 88



26, 0, 15

Previews

White Background



This preview shows how the RYB color 159, 145, 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 159, 145, 178 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

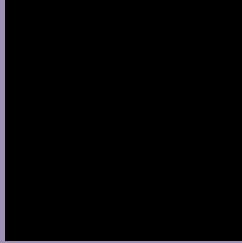
Any Text WCAG AA ✓ Pass

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](#).

RYB 159, 145, 178 Background



This preview shows how black text looks on a background with the RYB color 159, 145, 178.



This preview shows how white text looks on a background with the RYB color 159, 145, 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
159, 145, 178

Protanopia
144, 148, 181

Deuteranopia
153, 147, 178



Tritanopia
156, 148, 160

Trichromacy



Original Color

159, 145, 178

Protanomaly

149, 148, 180

Deuteranomaly

155, 146, 178

Tritanomaly

157, 147, 167

Monochromacy



Original Color

159, 145, 178

Achromatopsia

153, 153, 153

Achromatomaly

155, 150, 162

CSS Examples

Text

The CSS property to change the color of the text to RYB 159, 145, 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(159, 145, 178) looks like.

```
.text, #text, p{  
    color:rgb(159, 145, 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(159, 145, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 145, 178) }
```

Border

The CSS property to change the border of an element to RYB 159, 145, 178 is called "border". The border property can be set on classes, ids or directly on the HTML element.

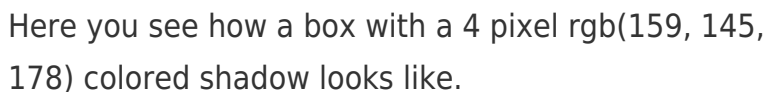
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(159, 145, 178) }
```

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

```
.border{ border-color:rgb(159, 145, 178) }
```

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



Here you see how a box with a 4 pixel `rgb(159, 145, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(159, 145, 178); -webkit-box-shadow:4px 4px 4px 4px rgb(159, 145, 178); box-shadow:4px 4px 4px 4px rgb(159, 145, 178) }
```

Background

The CSS property to change the background color of an element to RYB 159, 145, 178 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 145, 178) }
```

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

```
.background{ background-color: rgb(159,  
145, 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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