

Converting Colors

`RYB(145, 171, 180)`

Have a look what the booklet for
RYB(145, 171, 180) contains.

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Color

R_YB(145, 171, 180)

Conversions

Conversions Part 1

Format	Color
Hex	91B49D
RGB	145, 180, 157
RGB Percent	57%, 71%, 62%
CMY	0.4314, 0.2941, 0.3839
CMYK	0.19, 0.00, 0.13, 0.29
HSL	141°, 19%, 64%
HSV	141°, 19%, 71%
XYZ	34.0940, 41.1005, 38.0862
YIQ	166.9130, -13.4770, -14.5730

Conversions

Conversions Part 2

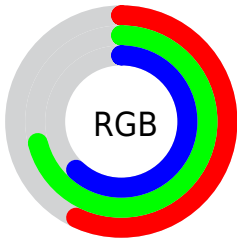
Format	Color
RYB	145, 171, 180
Decimal	9548957
CIELab	70.25, -16.49, 7.78
CIElCh	70, 18.233, 154.732
Yxy	41.1005, 0.3010, 0.3628
Android (android.graphics.Color)	4287739037 (0xFF91B49D)
YUV	166.9130, -4.8871, -19.2177
Hunter-Lab	64.1097, -17.2644, 9.6538

Details

The RYB color **145, 171, 180** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **180, 145, 168**, and the grayscale version is **167, 167, 167**.

A 20% lighter version of the original color is **199, 226, 236**, and **94, 118, 127** is the 20% darker color. If you saturate the color by 10%, you get **127, 167, 180**, and if you desaturate by 10%, it is **163, 176, 180**.

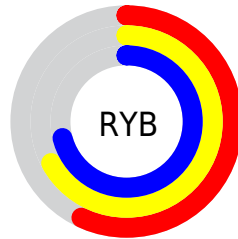
Distribution



Red (57%)

Green (71%)

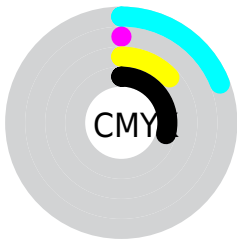
Blue (62%)



Red (57%)

Yellow (67%)

Blue (71%)

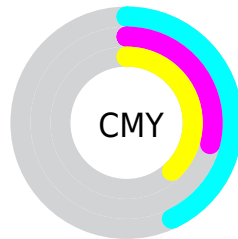


Cyan (19%)

Magenta (0%)

Yellow (13%)

Black (29%)



Cyan (43%)

Magenta (29%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the RYB color 145, 171, 180 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 145, 171, 180 by changing the saturation by 10% instead.

 145, 171, 180


255, 255, 255

 199, 226, 236

 227, 246, 255

 145, 171, 180

 119, 144, 153

 94, 118, 127

 70, 93, 102

 47, 69, 78

 24, 46, 55

 2, 23, 33

 0, 2, 2

 0, 0, 0


 145, 171, 180


 145, 171, 180

 127, 167, 180


 163, 176, 180


 109, 162, 180


 181, 180, 181

 91, 157, 180


 199, 180, 192

 73, 153, 180


 217, 180, 204

 55, 148, 180

 235, 180, 216

 37, 143, 180

 253, 180, 228

 19, 138, 180

 255, 180, 240

 1, 134, 180

 255, 180, 251

 0, 134, 180

 255, 180, 255

Harmonies

Analogous

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



144, 176, 157



145, 171, 180



131, 158, 181

Triad

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



145, 171, 180



156, 168, 204



206, 163, 154

Complementary

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



145, 171, 180



180, 145, 168

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.



205, 160, 170



145, 171, 180



178, 167, 199

Square

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



145, 171, 180



137, 162, 201



196, 162, 186



197, 185, 142

Rectangle

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



145, 171, 180



127, 155, 185



196, 162, 186



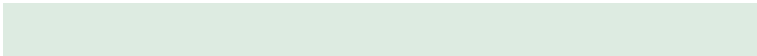
206, 161, 159

Sweetspot

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



145, 171, 180



221, 232, 235



145, 180, 157



109, 115, 117



245, 245, 245



117, 117, 117

Same Dimension

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



145, 171, 180



181, 222, 235



145, 164, 180



80, 87, 89



0, 114, 153



0, 19, 26

Inverse Universe

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



180, 145, 168



235, 181, 216



180, 145, 151



89, 80, 86



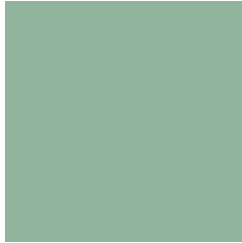
153, 0, 100



26, 0, 17

Previews

White Background



This preview shows how the RYB color 145, 171, 180 looks on a white background.

Color Contrast Check

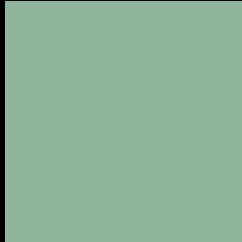
Large Text (above 18pt) WCAG AA × Fail

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 145, 171, 180 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

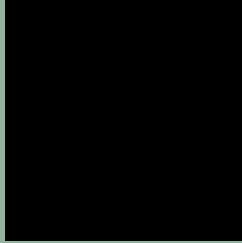
Any Text WCAG AA ✓ Pass

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 145, 171, 180 Background



This preview shows how black text looks on a background with the RYB color 145, 171, 180.

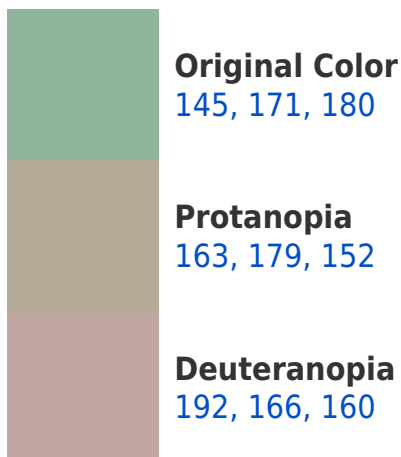


This preview shows how white text looks on a background with the RYB color 145, 171, 180.

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](#).

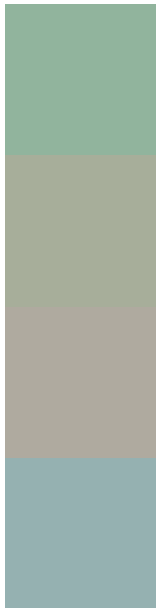
Dichromacy





Tritanopia
151, 166, 189

Trichromacy



Original Color

145, 171, 180

Protanomaly

154, 174, 161

Deuteranomaly

166, 175, 159

Tritanomaly

149, 163, 177

Monochromacy



Original Color

145, 171, 180

Achromatopsia

167, 167, 167

Achromatomaly

159, 169, 172

CSS Examples

Text

The CSS property to change the color of the text to RYB 145, 171, 180 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(145, 180, 157)` looks like.

```
.text, #text, p{  
    color:rgb(145, 180, 157)  
}
```

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(145, 180, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 180, 157) }
```

Border

The CSS property to change the border of an element to RYB 145, 171, 180 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(145, 180, 157) }
```

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

```
.border{ border-color:rgb(145, 180, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 180, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 180, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 180, 157);  
box-shadow:4px 4px 4px 4px rgb(145, 180,  
157) }
```

Background

The CSS property to change the background color of an element to RYB 145, 171, 180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 180, 157) }
```

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

```
.background{ background-color: rgb(145,  
180, 157) }
```

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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