

Converting Colors

`RYB(146, 179, 177)`

Have a look what the booklet for
RYB(146, 179, 177) contains.

RYB(146, 179, 177)	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(146, 179, 177)

Conversions

Conversions Part 1

Format	Color
Hex	94B392
RGB	148, 179, 146
RGB Percent	58%, 70%, 57%
CMY	0.4196, 0.2980, 0.4275
CMYK	0.17, 0.00, 0.18, 0.30
HSL	116°, 18%, 64%
HSV	116°, 18%, 70%
XYZ	33.5211, 40.6114, 33.2662
YIQ	165.9690, -7.8830, -16.8350

Conversions

Conversions Part 2

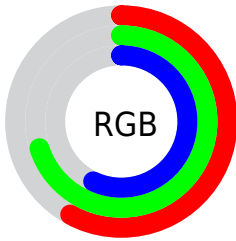
Format	Color
RYB	146, 179, 177
Decimal	9745298
CIELab	69.90, -17.01, 13.41
CIELCh	70, 21.656, 141.757
Yxy	40.6114, 0.3121, 0.3781
Android (android.graphics.Color)	4287935378 (0xFF94B392)
YUV	165.9690, -9.8447, -15.7588
Hunter-Lab	63.7271, -17.6295, 13.6590

Details

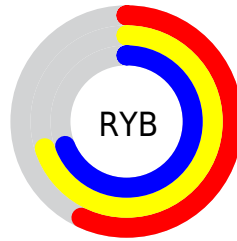
The RYB color **146, 179, 177** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **177, 146, 179**, and the grayscale version is **166, 166, 166**.

A 20% lighter version of the original color is **200, 235, 233**, and **95, 126, 124** is the 20% darker color. If you saturate the color by 10%, you get **128, 179, 176**, and if you desaturate by 10%, it is **164, 179, 178**.

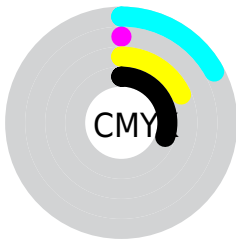
Distribution



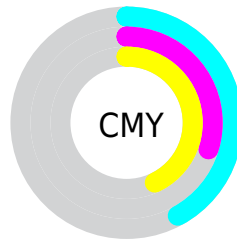
- Red (58%)
- Green (70%)
- Blue (57%)



- Red (57%)
- Yellow (70%)
- Blue (69%)



- Cyan (17%)
- Magenta (0%)
- Yellow (18%)
- Black (30%)



- Cyan (42%)
- Magenta (30%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the RYB color 146, 179, 177 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 146, 179, 177 by changing the saturation by 10% instead.


 146, 179, 177


255, 255, 255


 200, 235, 233

 228, 255, 252

 146, 179, 177

 120, 152, 150

 95, 126, 124

 72, 101, 100

 49, 77, 77


 27, 53, 54


 3, 33, 30


 0, 0, 0

 146, 179, 177


 128, 179, 176


 146, 179, 177


 164, 179, 178

 110, 179, 175


 182, 179, 182

 92, 179, 173


 198, 179, 200

 74, 179, 172


 215, 179, 218

 57, 179, 172

 232, 179, 235

 39, 179, 171

 249, 179, 253

 21, 179, 170

 255, 179, 255

 3, 179, 169

 0, 179, 168

Harmonies

Analogous

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



134, 174, 137



146, 179, 177



128, 160, 182

Triad

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



146, 179, 177



141, 163, 209



212, 157, 157

Complementary

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



146, 179, 177



177, 146, 179

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.



207, 157, 177



146, 179, 177



167, 168, 207

Square

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



146, 179, 177



121, 155, 201



191, 161, 195



206, 170, 141

Rectangle

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



146, 179, 177



119, 152, 182



191, 161, 195



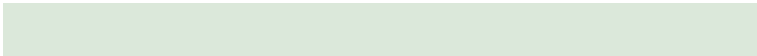
211, 157, 164

Sweetspot

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



146, 179, 177



218, 232, 231



148, 179, 146



109, 117, 116



245, 245, 245



117, 117, 117

Same Dimension

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



146, 179, 177



181, 232, 229



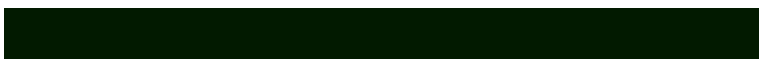
146, 169, 179



80, 89, 88



0, 153, 144



0, 26, 24

Inverse Universe

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



177, 146, 179



229, 181, 232



179, 146, 165



89, 80, 89



144, 0, 153



24, 0, 26

Previews

White Background



This preview shows how the RYB color 146, 179, 177 looks on a white background.

Color Contrast Check

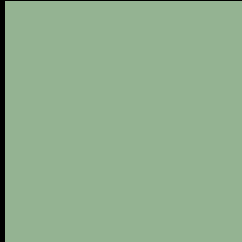
Large Text (above 18pt) WCAG AA × Fail

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 146, 179, 177 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

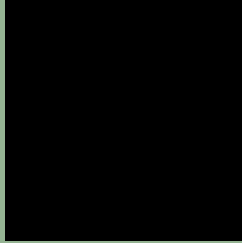
Any Text WCAG AA ✓ Pass

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 146, 179, 177 Background



This preview shows how black text looks on a background with the RYB color 146, 179, 177.



This preview shows how white text looks on a background with the RYB color 146, 179, 177.

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](#).

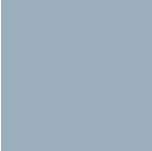
Dichromacy



Original Color
146, 179, 177

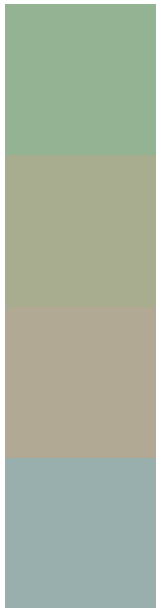
Protanopia
156, 180, 142

Deuteranopia
195, 171, 149



Tritanopia
155, 167, 187

Trichromacy



Original Color
146, 179, 177

Protanomaly
143, 173, 148

Deuteranomaly
161, 178, 148

Tritanomaly
152, 164, 175

Monochromacy



Original Color
146, 179, 177

Achromatopsia
166, 166, 166

Achromatomaly
159, 171, 171

CSS Examples

Text

The CSS property to change the color of the text to RYB 146, 179, 177 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(148, 179, 146)` looks like.

```
.text, #text, p{  
    color:rgb(148, 179, 146)  
}
```

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(148, 179, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 179, 146) }
```

Border

The CSS property to change the border of an element to RYB 146, 179, 177 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(148, 179, 146) }
```

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

```
.border{ border-color:rgb(148, 179, 146) }
```

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

Here you see how a box with a 4 pixel rgb(148, 179, 146) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 179, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 179, 146);  
box-shadow:4px 4px 4px 4px rgb(148, 179,  
146) }
```

Background

The CSS property to change the background color of an element to RYB 146, 179, 177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 179, 146) }
```

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

```
.background{ background-color: rgb(148,  
179, 146) }
```

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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