

Converting Colors

`RYB(142, 178, 175)`

Have a look what the booklet for
RYB(142, 178, 175) contains.

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Color

R_YB(142, 178, 175)

Conversions

Conversions Part 1

Format	Color
Hex	91B28E
RGB	145, 178, 142
RGB Percent	57%, 70%, 56%
CMY	0.4314, 0.3020, 0.4431
CMYK	0.19, 0.00, 0.20, 0.30
HSL	115°, 19%, 63%
HSV	115°, 20%, 70%
XYZ	32.4799, 39.8135, 31.5641
YIQ	164.0290, -8.1120, -18.1920

Conversions

Conversions Part 2

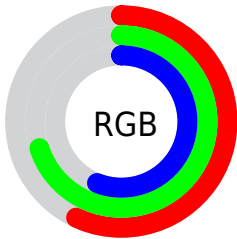
Format	Color
RYB	142, 178, 175
Decimal	9548430
CIELab	69.34, -18.26, 14.77
CIELCh	69, 23.487, 141.044
Yxy	39.8135, 0.3127, 0.3833
Android (android.graphics.Color)	4287738510 (0xFF91B28E)
YUV	164.0290, -10.8603, -16.6884
Hunter-Lab	63.0980, -18.5378, 14.5094

Details

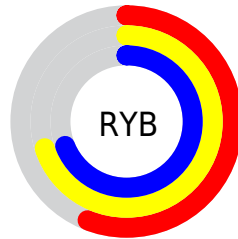
The RYB color **142, 178, 175** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **175, 142, 178**, and the grayscale version is **164, 164, 164**.

A 20% lighter version of the original color is **196, 234, 231**, and **92, 125, 123** is the 20% darker color. If you saturate the color by 10%, you get **124, 178, 173**, and if you desaturate by 10%, it is **160, 178, 177**.

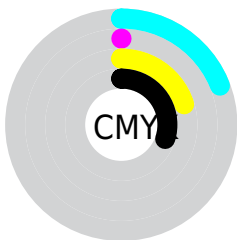
Distribution



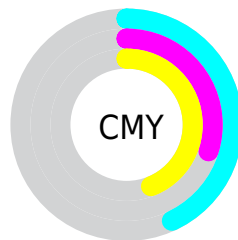
- Red (57%)
- Green (70%)
- Blue (56%)



- Red (56%)
- Yellow (70%)
- Blue (69%)



- Cyan (19%)
- Magenta (0%)
- Yellow (20%)
- Black (30%)



- Cyan (43%)
- Magenta (30%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the RYB color 142, 178, 175 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 142, 178, 175 by changing the saturation by 10% instead.


 142, 178, 175


255, 255, 255

 196, 234, 231


 224, 255, 252


252, 255, 252

 142, 178, 175

 116, 151, 148

 92, 125, 123

 68, 100, 98


 46, 76, 75


 24, 53, 53

 0, 32, 29

 0, 0, 0

 142, 178, 175


 124, 178, 173

 142, 178, 175


 160, 178, 177


 106, 178, 172


 178, 178, 178

 89, 178, 171


 194, 178, 195

 71, 178, 169


 210, 178, 213

 53, 178, 168

 227, 178, 231

 35, 178, 166

 243, 178, 249

 17, 178, 164

 255, 178, 255

 0, 178, 163

Harmonies

Analogous

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



129, 173, 133



142, 178, 175



122, 157, 181

Triad

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



142, 178, 175



135, 160, 211



213, 155, 155

Complementary

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



142, 178, 175



175, 142, 178

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.



208, 155, 177



142, 178, 175



164, 166, 209

Square

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



142, 178, 175



113, 151, 202



191, 159, 196



207, 169, 137

Rectangle

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



142, 178, 175



112, 148, 181



191, 159, 196



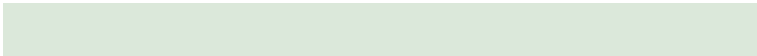
213, 154, 162

Sweetspot

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



142, 178, 175



218, 232, 231



145, 178, 142



109, 117, 116



245, 245, 245



117, 117, 117

Same Dimension

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



142, 178, 175



176, 232, 227



142, 167, 178



80, 89, 88



0, 153, 140



0, 26, 24

Inverse Universe

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



175, 142, 178



227, 176, 232



178, 142, 163



89, 80, 89



140, 0, 153



23, 0, 26

Previews

White Background



This preview shows how the RYB color 142, 178, 175 looks on a white background.

Color Contrast Check

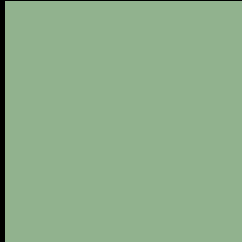
Large Text (above 18pt) WCAG AA × Fail

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 142, 178, 175 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

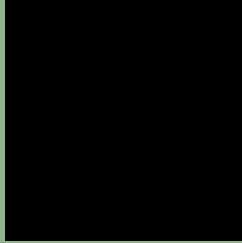
Any Text WCAG AA ✓ Pass

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 142, 178, 175 Background



This preview shows how black text looks on a background with the RYB color 142, 178, 175.

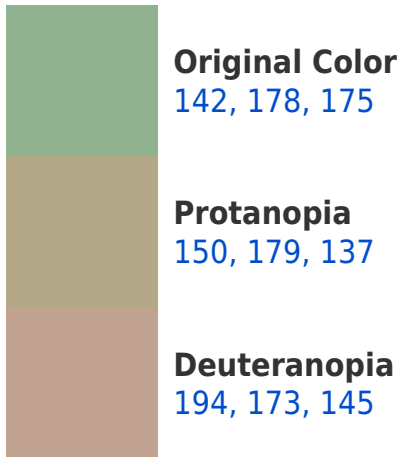


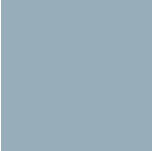
This preview shows how white text looks on a background with the RYB color 142, 178, 175.

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

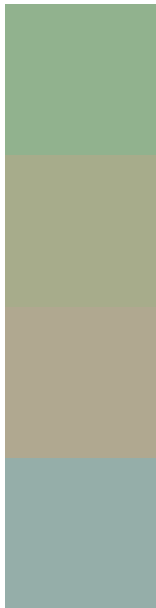




Tritanopia

152, 165, 186

Trichromacy



Original Color
142, 178, 175

Protanomaly
139, 172, 144

Deuteranomaly
155, 176, 144

Tritanomaly
149, 163, 174

Monochromacy



Original Color
142, 178, 175

Achromatopsia
164, 164, 164

Achromatomaly
156, 169, 168

CSS Examples

Text

The CSS property to change the color of the text to RYB 142, 178, 175 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, 178, 142)` looks like.

```
.text, #text, p{  
    color:rgb(145, 178, 142)  
}
```

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, 178, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 178, 142) }
```

Border

The CSS property to change the border of an element to RYB 142, 178, 175 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, 178, 142) }
```

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

```
.border{ border-color:rgb(145, 178, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 178, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 178, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 178, 142);  
box-shadow:4px 4px 4px 4px rgb(145, 178,  
142) }
```

Background

The CSS property to change the background color of an element to RYB 142, 178, 175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 178, 142) }
```

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

```
.background{ background-color: rgb(145,  
178, 142) }
```

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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