

Converting Colors

`RYB(152, 182, 175)`

Have a look what the booklet for
RYB(152, 182, 175) contains.

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Color

R_YB(152, 182, 175)

Conversions

Conversions Part 1

Format	Color
Hex	9FB698
RGB	159, 182, 152
RGB Percent	62%, 71%, 60%
CMY	0.3765, 0.2863, 0.4039
CMYK	0.13, 0.00, 0.16, 0.29
HSL	106°, 17%, 65%
HSV	106°, 16%, 71%
XYZ	36.6935, 43.0938, 36.0897
YIQ	171.7030, -4.0780, -14.2060

Conversions

Conversions Part 2

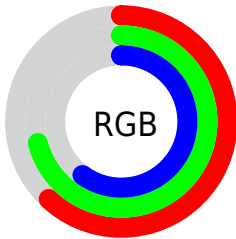
Format	Color
RYB	152, 182, 175
Decimal	10466968
CIELab	71.62, -13.59, 12.66
CIELCh	72, 18.573, 137.049
Yxy	43.0938, 0.3167, 0.3719
Android (android.graphics.Color)	4288657048 (0xFF9FB698)
YUV	171.7030, -9.7136, -11.1405
Hunter-Lab	65.6459, -15.1057, 13.3566

Details

The RYB color **152, 182, 175** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **175, 152, 182**, and the grayscale version is **172, 172, 172**.

A 20% lighter version of the original color is **206, 238, 230**, and **101, 129, 123** is the 20% darker color. If you saturate the color by 10%, you get **134, 182, 171**, and if you desaturate by 10%, it is **170, 182, 179**.

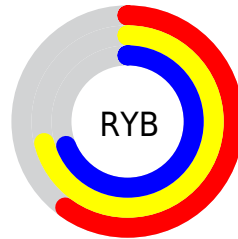
Distribution



Red (62%)

Green (71%)

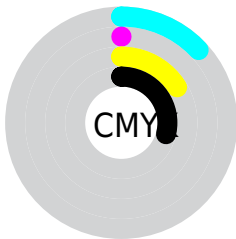
Blue (60%)



Red (60%)

Yellow (71%)

Blue (69%)

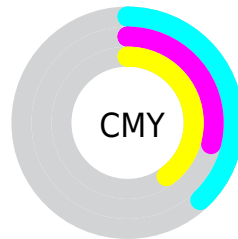


Cyan (13%)

Magenta (0%)

Yellow (16%)

Black (29%)



Cyan (38%)


Magenta (29%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the RYB color 152, 182, 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 152, 182, 175 by changing the saturation by 10% instead.

 152, 182, 175

255, 255, 255

 206, 238, 230

 235, 255, 248

 152, 182, 175


 126, 155, 148

 101, 129, 123

 77, 104, 98

 54, 80, 75

 33, 57, 53


 11, 35, 29

 0, 11, 11


 0, 0, 0


 152, 182, 175


 152, 182, 175


 134, 182, 171


 170, 182, 179

 116, 182, 167


 187, 182, 188

 97, 182, 162


 201, 182, 207

 79, 182, 158


 215, 182, 225

 61, 182, 154

 229, 182, 243

 43, 182, 150

 243, 182, 255

 25, 182, 146

 255, 182, 255

 6, 182, 141

 0, 182, 140

Harmonies

Analogous

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



144, 178, 143



152, 182, 175



141, 169, 185

Triad

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



152, 182, 175



147, 168, 208



211, 164, 166

Complementary

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



152, 182, 175



175, 152, 182

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, 164, 184



152, 182, 175



169, 173, 208

Square

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



152, 182, 175



133, 162, 200



190, 168, 199



207, 173, 151

Rectangle

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



152, 182, 175



133, 161, 185



190, 168, 199



210, 164, 172

Sweetspot

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



152, 182, 175



225, 237, 234



161, 182, 152



113, 120, 119



247, 247, 247



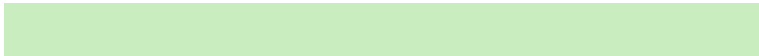
120, 120, 120

Same Dimension

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



152, 182, 175



190, 237, 226



152, 176, 182



83, 92, 90



0, 156, 120



0, 28, 21

Inverse Universe

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



175, 152, 182



226, 190, 237



182, 152, 174



90, 83, 92



119, 0, 156



22, 0, 28

Previews

White Background



This preview shows how the RYB color 152, 182, 175 looks on a white background.

Color Contrast Check

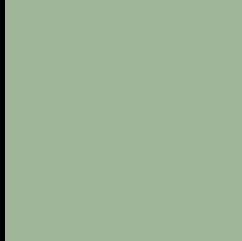
Large Text (above 18pt) WCAG AA × Fail

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 152, 182, 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 152, 182, 175 Background



This preview shows how black text looks on a background with the RYB color 152, 182, 175.



This preview shows how white text looks on a background with the RYB color 152, 182, 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](#).

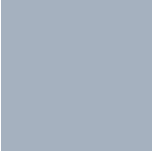
Dichromacy



Original Color
152, 182, 175

Protanopia
160, 184, 148

Deuteranopia
199, 176, 155



Tritanopia
165, 173, 191

Trichromacy



Original Color

152, 182, 175

Protanomaly

149, 178, 152

Deuteranomaly

169, 184, 154

Tritanomaly

163, 172, 179

Monochromacy



Original Color

152, 182, 175

Achromatopsia

172, 172, 172

Achromatomaly

165, 176, 174

CSS Examples

Text

The CSS property to change the color of the text to RYB 152, 182, 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(159, 182, 152)` looks like.

```
.text, #text, p{  
    color:rgb(159, 182, 152)  
}
```

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, 182, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 182, 152) }
```

Border

The CSS property to change the border of an element to RYB 152, 182, 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(159, 182, 152) }
```

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

```
.border{ border-color:rgb(159, 182, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 182, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 182, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 182, 152);  
box-shadow:4px 4px 4px 4px rgb(159, 182,  
152) }
```

Background

The CSS property to change the background color of an element to RYB 152, 182, 175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 182, 152) }
```

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

```
.background{ background-color: rgb(159,  
182, 152) }
```

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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