

Converting Colors

`RYB(142, 152, 142)`

Have a look what the booklet for
RYB(142, 152, 142) contains.

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Color

RYB(142, 152, 142)

Conversions

Conversions Part 1

Format	Color
Hex	98988E
RGB	152, 152, 142
RGB Percent	60%, 60%, 56%
CMY	0.4039, 0.4039, 0.4431
CMYK	0.00, 0.00, 0.07, 0.40
HSL	60°, 5%, 58%
HSV	60°, 7%, 60%
XYZ	29.0596, 31.0849, 30.0596
YIQ	150.8600, 3.2100, -3.1100

Conversions

Conversions Part 2

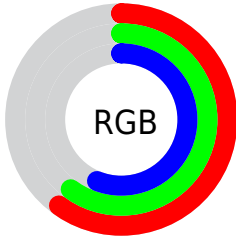
Format	Color
RYB	142, 152, 142
Decimal	10000526
CIELab	62.58, -1.87, 5.25
CIELCh	63, 5.575, 109.554
Yxy	31.0849, 0.3222, 0.3446
Android (android.graphics.Color)	4288190606 (0xFF98988E)
YUV	150.8600, -4.3680, 0.9998
Hunter-Lab	55.7538, -4.5326, 7.0616

Details

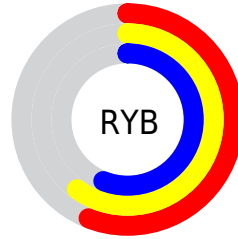
The RYB color **142, 152, 142** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **142, 142, 152**, and the grayscale version is **151, 151, 151**.

A 20% lighter version of the original color is **196, 206, 196**, and **92, 101, 92** is the 20% darker color. If you saturate the color by 10%, you get **127, 152, 127**, and if you desaturate by 10%, it is **152, 152, 157**.

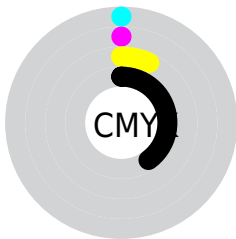
Distribution



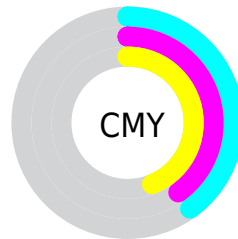
- Red (60%)
- Green (60%)
- Blue (56%)



- Red (56%)
- Yellow (60%)
- Blue (56%)



- Cyan (0%)
- Magenta (0%)
- Yellow (7%)
- Black (40%)



- Cyan (40%)
- Magenta (40%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the RYB color 142, 152, 142 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, 152, 142 by changing the saturation by 10% instead.


 142, 152, 142


255, 255, 255


 196, 206, 196

 224, 234, 224

252, 255, 252

 142, 152, 142

 116, 126, 116

 92, 101, 92

 68, 77, 68

 46, 55, 47


 25, 33, 25


 0, 10, 0

 0, 0, 0

 142, 152, 142

 127, 152, 127

 142, 152, 142

 152, 152, 157

■ 112, 152, 112

■ 152, 152, 172

■ 96, 152, 96

■ 152, 152, 188

■ 81, 152, 81

■ 152, 152, 203

■ 66, 152, 66

■ 152, 152, 218

■ 51, 152, 51

■ 152, 152, 233

■ 36, 152, 36

■ 152, 152, 248

■ 20, 152, 20

■ 152, 152, 255

■ 5, 152, 5

Harmonies

Analogous

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



155, 157, 142



142, 152, 142



145, 153, 152

Triad

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



142, 152, 142



140, 148, 159



161, 148, 153

Complementary

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



142, 152, 142



142, 142, 152

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.



156, 149, 158



142, 152, 142



144, 149, 161

Square

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



142, 152, 142



139, 147, 154



150, 151, 161



162, 148, 148

Rectangle

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



142, 152, 142



143, 151, 154



150, 151, 161



159, 148, 155

Sweetspot

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



142, 152, 142



192, 196, 192



152, 142, 142



97, 99, 97



227, 227, 227



99, 99, 99

Same Dimension

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



142, 152, 142



181, 196, 181



142, 152, 147



69, 77, 69



0, 140, 0



0, 13, 0

Inverse Universe

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



142, 142, 152



181, 181, 196



147, 142, 152



69, 69, 77



0, 0, 140



0, 0, 13

Previews

White Background



This preview shows how the RYB color 142, 152, 142 looks on a white background.

Color Contrast Check

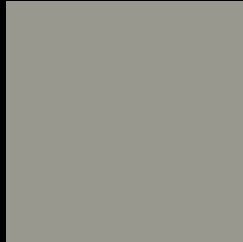
Large Text (above 18pt) WCAG AA × Fail

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, 152, 142 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

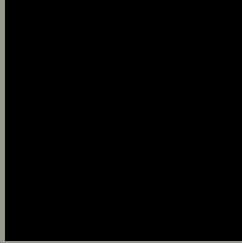
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

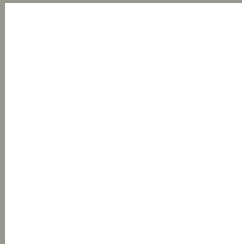
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 142, 152, 142 Background



This preview shows how black text looks on a background with the RYB color 142, 152, 142.



This preview shows how white text looks on a background with the RYB color 142, 152, 142.

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

142, 152, 142

Protanopia

149, 156, 141

Deuteranopia

169, 146, 143



Tritanopia
155, 149, 161

Trichromacy



Original Color

142, 152, 142

Protanomaly

147, 155, 141

Deuteranomaly

163, 150, 143

Tritanomaly

154, 150, 154

Monochromacy



Original Color

142, 152, 142

Achromatopsia

151, 151, 151

Achromatomaly

148, 151, 148

CSS Examples

Text

The CSS property to change the color of the text to RYB 142, 152, 142 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(152, 152, 142) looks like.

```
.text, #text, p{  
    color:rgb(152, 152, 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(152, 152, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 152, 142) }
```

Border

The CSS property to change the border of an element to RYB 142, 152, 142 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(152, 152, 142) }
```

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

```
.border{ border-color:rgb(152, 152, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 152, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 152, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 152, 142);  
box-shadow:4px 4px 4px 4px rgb(152, 152,  
142) }
```

Background

The CSS property to change the background color of an element to RYB 142, 152, 142 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 152, 142) }
```

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

```
.background{ background-color: rgb(152,  
152, 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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