

Converting Colors

`RYB(140, 152, 148)`

Have a look what the booklet for
RYB(140, 152, 148) contains.

RYB(140, 152, 148)	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

RYB(140, 152, 148)

Conversions

Conversions Part 1

Format	Color
Hex	90988C
RGB	144, 152, 140
RGB Percent	56%, 60%, 55%
CMY	0.4353, 0.4039, 0.4510
CMYK	0.05, 0.00, 0.08, 0.40
HSL	100°, 6%, 57%
HSV	100°, 8%, 60%
XYZ	27.4635, 30.2792, 29.2079
YIQ	148.2400, -0.9160, -5.4280

Conversions

Conversions Part 2

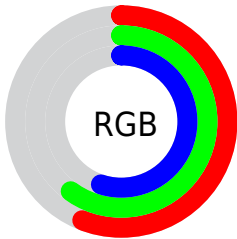
Format	Color
RYB	140, 152, 148
Decimal	9476236
CIELab	61.89, -5.20, 5.31
CIElCh	62, 7.434, 134.365
Yxy	30.2792, 0.3159, 0.3482
Android (android.graphics.Color)	4287666316 (0xFF90988C)
YUV	148.2400, -4.0623, -3.7185
Hunter-Lab	55.0266, -7.2081, 7.0476

Details

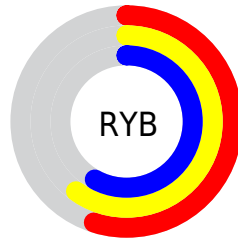
The RYB color **140, 152, 148** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **148, 140, 152**, and the grayscale version is **148, 148, 148**.

A 20% lighter version of the original color is **194, 206, 202**, and **90, 101, 97** is the 20% darker color. If you saturate the color by 10%, you get **125, 152, 143**, and if you desaturate by 10%, it is **154, 152, 155**.

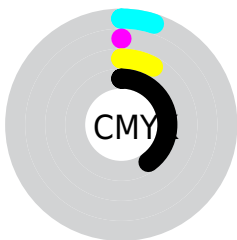
Distribution



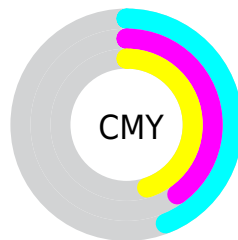
- Red (56%)
- Green (60%)
- Blue (55%)



- Red (55%)
- Yellow (60%)
- Blue (58%)



- Cyan (5%)
- Magenta (0%)
- Yellow (8%)
- Black (40%)




- Cyan (44%)
- Magenta (40%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the RYB color 140, 152, 148 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 140, 152, 148 by changing the saturation by 10% instead.


 140, 152, 148

255, 255, 255


 194, 206, 202

 221, 234, 229

 250, 255, 251

 140, 152, 148


 115, 126, 123

 90, 101, 97

 67, 77, 74

 44, 54, 50


 24, 33, 30


 0, 11, 11

 0, 0, 0


 140, 152, 148


 125, 152, 143

 140, 152, 148


 154, 152, 155

 110, 152, 138


 164, 152, 170

 94, 152, 132


 174, 152, 186

 79, 152, 128


 185, 152, 201

 64, 152, 123


 195, 152, 216

 49, 152, 118

 205, 152, 231

 34, 152, 113

 215, 152, 246

 18, 152, 107

 225, 152, 255

 3, 152, 102

 235, 152, 255

Harmonies

Analogous

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



139, 152, 137



140, 152, 148



137, 147, 153

Triad

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



140, 152, 148



139, 147, 162



164, 145, 147

Complementary

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



140, 152, 148



148, 140, 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.



161, 145, 153



140, 152, 148



147, 149, 162

Square

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



140, 152, 148



134, 145, 158



155, 147, 159



163, 147, 141

Rectangle

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



140, 152, 148



134, 145, 154



155, 147, 159



163, 145, 149

Sweetspot

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



140, 152, 148



192, 196, 194



146, 152, 140



97, 99, 98



227, 227, 227



99, 99, 99

Same Dimension

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



140, 152, 148



179, 196, 190



140, 150, 152



69, 77, 75



0, 140, 93



0, 13, 9

Inverse Universe

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



148, 140, 152



190, 179, 196



152, 140, 150



74, 69, 77



94, 0, 140



9, 0, 13

Previews

White Background



This preview shows how the RYB color 140, 152, 148 looks on a white background.

Color Contrast Check

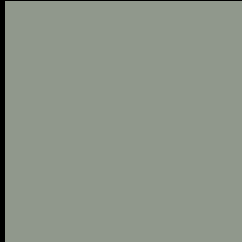
Large Text (above 18pt) WCAG AA × Fail

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 140, 152, 148 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 140, 152, 148 Background



This preview shows how black text looks on a background with the RYB color 140, 152, 148.



This preview shows how white text looks on a background with the RYB color 140, 152, 148.

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

140, 152, 148

Protanopia

147, 155, 138

Deuteranopia

167, 144, 142



Tritanopia
147, 149, 161

Trichromacy



Original Color

140, 152, 148

Protanomaly

140, 151, 139

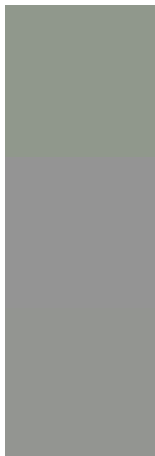
Deuteranomaly

159, 150, 141

Tritanomaly

146, 149, 153

Monochromacy



Original Color

140, 152, 148

Achromatopsia

148, 148, 148

Achromatomaly

145, 149, 147

CSS Examples

Text

The CSS property to change the color of the text to RGB 140, 152, 148 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(144, 152, 140) looks like.

```
.text, #text, p{  
    color:rgb(144, 152, 140)  
}
```

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(144, 152, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 152, 140) }
```

Border

The CSS property to change the border of an element to RYB 140, 152, 148 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(144, 152, 140) }
```

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

```
.border{ border-color:rgb(144, 152, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 152, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 152, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 152, 140);  
box-shadow:4px 4px 4px 4px rgb(144, 152,  
140) }
```

Background

The CSS property to change the background color of an element to RYB 140, 152, 148 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 152, 140) }
```

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

```
.background{ background-color: rgb(144,  
152, 140) }
```

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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