

Converting Colors

`RYB(140, 153, 153)`

Have a look what the booklet for
RYB(140, 153, 153) contains.

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Color

RYB(140, 153, 153)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 8C998C |
| RGB | 140, 153, 140 |
| RGB Percent | 55%, 60%, 55% |
| CMY | 0.4510, 0.4000, 0.4510 |
| CMYK | 0.08, 0.00, 0.08, 0.40 |
| HSL | 120°, 6%, 57% |
| HSV | 120°, 8%, 60% |
| XYZ | 26.9401, 30.2514, 29.2301 |
| YIQ | 147.6310, -3.5750, -6.7990 |

Conversions

Conversions Part 2

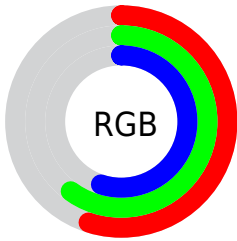
| Format | Color |
|-------------------------------------|--|
| RYB | 140, 153, 153 |
| Decimal | 9214348 |
| CIELab | 61.87, -7.21, 5.24 |
| CIElCh | 62, 8.912, 143.982 |
| Yxy | 30.2514, 0.3117, 0.3500 |
| Android (android.graphics.Color) | 4287404428 (0xFF8C998C) |
| YUV | 147.6310, -3.7621, -6.6924 |
| Hunter-Lab | 55.0012, -8.8214, 6.9915 |

Details

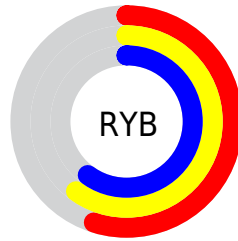
The RYB color **140, 153, 153** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **153, 140, 153**, and the grayscale version is **148, 148, 148**.

A 20% lighter version of the original color is **194, 207, 207**, and **90, 102, 102** is the 20% darker color. If you saturate the color by 10%, you get **125, 153, 153**, and if you desaturate by 10%, it is **155, 153, 155**.

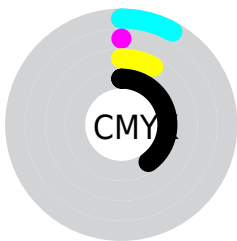
Distribution



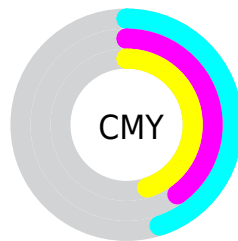
- Red (55%)
- Green (60%)
- Blue (55%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the RYB color 140, 153, 153 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, 153, 153 by changing the saturation by 10% instead.


 140, 153, 153


255, 255, 255


 194, 207, 207


 221, 236, 236

 250, 255, 255

 140, 153, 153


 114, 126, 127

 90, 102, 102

 66, 77, 78

 44, 55, 55


 23, 33, 34

 0, 12, 12

 0, 0, 0


 140, 153, 153


 125, 153, 153

 140, 153, 153


 155, 153, 155


 109, 153, 153


 171, 153, 171

 94, 153, 153


 186, 153, 186

 79, 153, 153


 201, 153, 201

 64, 153, 153


 217, 153, 217

 48, 153, 153

 232, 153, 232

 33, 153, 153

 247, 153, 247

 18, 153, 153

 255, 153, 255

 2, 153, 153

Harmonies

Analogous

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



135, 151, 137



140, 153, 153



133, 145, 154

Triad

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



140, 153, 153



139, 147, 165



167, 144, 143

Complementary

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



140, 153, 153



153, 140, 153

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.



165, 144, 151



140, 153, 153



149, 148, 164

Square

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



140, 153, 153



132, 144, 162



158, 146, 159



164, 151, 137

Rectangle

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



140, 153, 153



130, 142, 154



158, 146, 159



167, 144, 146

Sweetspot

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



140, 153, 153



193, 199, 199



140, 153, 140



95, 99, 99



227, 227, 227



99, 99, 99

Same Dimension

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



140, 153, 153



179, 199, 199



140, 148, 153



69, 77, 77



0, 140, 140



0, 13, 13

Inverse Universe

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



153, 140, 153



199, 179, 199



153, 140, 147



77, 69, 77



140, 0, 140



13, 0, 13

Previews

White Background



This preview shows how the RYB color 140, 153, 153 looks on a white background.

Color Contrast Check

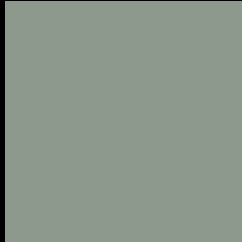
Large Text (above 18pt) WCAG AA × Fail

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, 153, 153 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

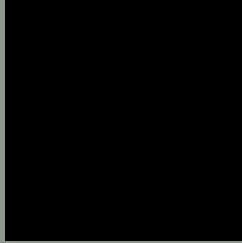
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

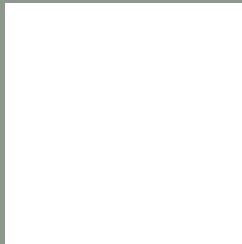
Any Text WCAG AAA ✓ Pass

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

RYB 140, 153, 153 Background



This preview shows how black text looks on a background with the RYB color 140, 153, 153.



This preview shows how white text looks on a background with the RYB color 140, 153, 153.

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, 153, 153

Protanopia
147, 155, 138

Deuteranopia
166, 144, 142



Tritanopia
143, 148, 162

Trichromacy



Original Color

140, 153, 153

Protanomaly

139, 150, 139

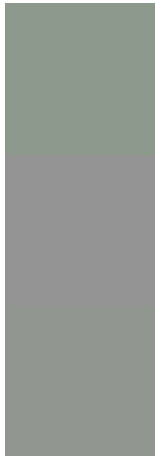
Deuteranomaly

157, 151, 141

Tritanomaly

142, 147, 154

Monochromacy



Original Color

140, 153, 153

Achromatopsia

148, 148, 148

Achromatomaly

145, 150, 150

CSS Examples

Text

The CSS property to change the color of the text to RYB 140, 153, 153 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(140, 153, 140)` looks like.

```
.text, #text, p{  
    color:rgb(140, 153, 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(140, 153, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 153, 140) }
```

Border

The CSS property to change the border of an element to RYB 140, 153, 153 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(140, 153, 140) }
```

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

```
.border{ border-color:rgb(140, 153, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 153, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 153, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 153, 140);  
box-shadow:4px 4px 4px 4px rgb(140, 153,  
140) }
```

Background

The CSS property to change the background color of an element to RYB 140, 153, 153 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 153, 140) }
```

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

```
.background{ background-color: rgb(140,  
153, 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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