

Converting Colors

`RYB(140, 163, 144)`

Have a look what the booklet for
RYB(140, 163, 144) contains.

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Color

R_YB(140, 163, 144)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | 9FA38C |
| RGB | 159, 163, 140 |
| RGB Percent | 62%, 64%, 55% |
| CMY | 0.3765, 0.3608, 0.4510 |
| CMYK | 0.02, 0.00, 0.14, 0.36 |
| HSL | 70°, 11%, 59% |
| HSV | 70°, 14%, 64% |
| XYZ | 32.1289, 35.4588, 29.9618 |
| YIQ | 159.1820, 4.9990, -8.0010 |

Conversions

Conversions Part 2

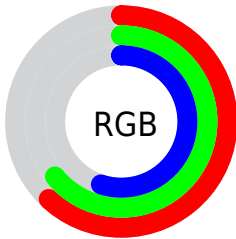
| Format | Color |
|-------------------------------------|--|
| RYB | 140, 163, 144 |
| Decimal | 10462092 |
| CIELab | 66.10, -5.60, 11.47 |
| CIElCh | 66, 12.765, 116.002 |
| Yxy | 35.4588, 0.3294, 0.3635 |
| Android (android.graphics.Color) | 4288652172 (0xFF9FA38C) |
| YUV | 159.1820, -9.4567, -0.1596 |
| Hunter-Lab | 59.5473, -7.8975, 11.8507 |

Details

The RYB color **140, 163, 144** is a light color, and the websafe version is hex **999999**. A complement of this color would be **144, 140, 163**, and the grayscale version is **159, 159, 159**.

A 20% lighter version of the original color is **194, 218, 198**, and **90, 111, 94** is the 20% darker color. If you saturate the color by 10%, you get **124, 163, 131**, and if you desaturate by 10%, it is **156, 163, 157**.

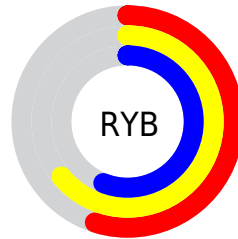
Distribution



Red (62%)

Green (64%)

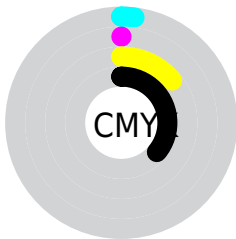
Blue (55%)



Red (55%)

Yellow (64%)

Blue (56%)

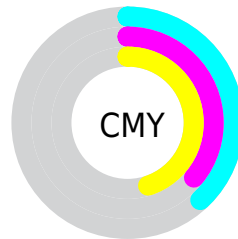


Cyan (2%)

Magenta (0%)

Yellow (14%)

Black (36%)



Cyan (38%)

Magenta (36%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the RYB color 140, 163, 144 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, 163, 144 by changing the saturation by 10% instead.

 140, 163, 144


255, 255, 255

 194, 218, 198


 221, 246, 225

 250, 255, 250

 140, 163, 144

 114, 137, 118

 90, 111, 94

 66, 87, 70


 44, 64, 48

 23, 42, 27

 0, 22, 4


 0, 0, 0

 140, 163, 144


 124, 163, 131

 140, 163, 144

 156, 163, 157


 107, 163, 117

 165, 163, 173

 91, 163, 104


 168, 163, 189

 75, 163, 90

 170, 163, 205

 59, 163, 77


 173, 163, 222


 42, 163, 63


 176, 163, 238

 26, 163, 50

 179, 163, 254

 10, 163, 37

 182, 163, 255

 0, 163, 28

 185, 163, 255

Harmonies

Analogous

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



159, 172, 138



140, 163, 144



146, 164, 166

Triad

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



140, 163, 144



135, 153, 179



183, 153, 163

Complementary

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



140, 163, 144



144, 140, 163

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.



174, 155, 174



140, 163, 144



147, 158, 183

Square

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



140, 163, 144



131, 150, 170



161, 158, 181



185, 153, 151

Rectangle

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



140, 163, 144



139, 157, 167



161, 158, 181



181, 153, 166

Sweetspot

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



140, 163, 144



203, 212, 205



163, 145, 140



102, 107, 103



235, 235, 235



107, 107, 107

Same Dimension

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



140, 163, 144



176, 212, 183



140, 163, 155



73, 82, 75



0, 145, 25



0, 18, 3

Inverse Universe

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



144, 140, 163



182, 176, 212



155, 140, 163



75, 73, 82



25, 0, 145



3, 0, 18

Previews

White Background



This preview shows how the RYB color 140, 163, 144 looks on a white background.

Color Contrast Check

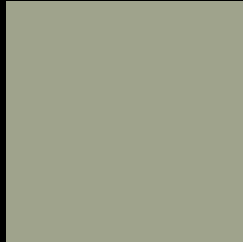
Large Text (above 18pt) WCAG AA × Fail

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, 163, 144 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

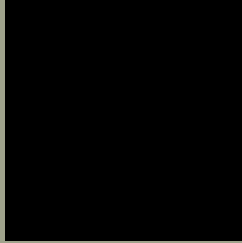
Any Text WCAG AA ✓ Pass

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, 163, 144 Background



This preview shows how black text looks on a background with the RYB color 140, 163, 144.



This preview shows how white text looks on a background with the RYB color 140, 163, 144.

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, 163, 144

Protanopia

150, 168, 139

Deuteranopia

183, 161, 142



Tritanopia
163, 159, 171

Trichromacy



Original Color

140, 163, 144

Protanomaly

144, 165, 139

Deuteranomaly

172, 174, 141

Tritanomaly

162, 160, 160

Monochromacy



Original Color

140, 163, 144

Achromatopsia

159, 159, 159

Achromatomaly

152, 160, 153

CSS Examples

Text

The CSS property to change the color of the text to RYB 140, 163, 144 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, 163, 140) looks like.

```
.text, #text, p{  
    color:rgb(159, 163, 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(159, 163, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 163, 140) }
```

Border

The CSS property to change the border of an element to RYB 140, 163, 144 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, 163, 140) }
```

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

```
.border{ border-color:rgb(159, 163, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 163, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 163, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 163, 140);  
box-shadow:4px 4px 4px 4px rgb(159, 163,  
140) }
```

Background

The CSS property to change the background color of an element to RYB 140, 163, 144 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 163, 140) }
```

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

```
.background{ background-color: rgb(159,  
163, 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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