

Converting Colors

`RYB(140, 160, 142)`

Have a look what the booklet for RYB(140, 160, 142) contains.

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Color

R_YB(140, 160, 142)

Conversions

Conversions Part 1

Format	Color
Hex	9EA08C
RGB	158, 160, 140
RGB Percent	62%, 63%, 55%
CMY	0.3804, 0.3725, 0.4510
CMYK	0.01, 0.00, 0.12, 0.37
HSL	66°, 10%, 59%
HSV	66°, 12%, 63%
XYZ	31.4050, 34.3042, 29.7771
YIQ	157.1220, 5.2280, -6.6440

Conversions

Conversions Part 2

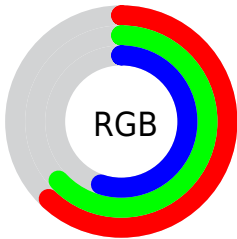
Format	Color
RYB	140, 160, 142
Decimal	10395788
CIELab	65.20, -4.35, 10.19
CIElCh	65, 11.076, 113.114
Yxy	34.3042, 0.3289, 0.3593
Android (android.graphics.Color)	4288585868 (0xFF9EA08C)
YUV	157.1220, -8.4411, 0.7700
Hunter-Lab	58.5698, -6.7857, 10.8556

Details

The RYB color **140, 160, 142** is a light color, and the websafe version is hex **999999**. A complement of this color would be **142, 140, 160**, and the grayscale version is **157, 157, 157**.

A 20% lighter version of the original color is **194, 215, 196**, and **90, 109, 92** is the 20% darker color. If you saturate the color by 10%, you get **124, 160, 128**, and if you desaturate by 10%, it is **156, 160, 156**.

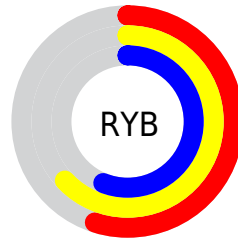
Distribution



Red (62%)

Green (63%)

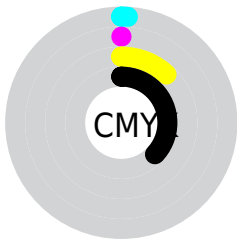
Blue (55%)



Red (55%)

Yellow (63%)

Blue (56%)

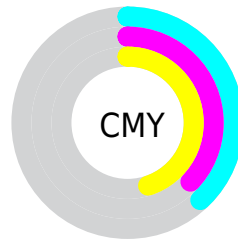


Cyan (1%)

Magenta (0%)

Yellow (12%)

Black (37%)



Cyan (38%)

Magenta (37%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the RYB color 140, 160, 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 140, 160, 142 by changing the saturation by 10% instead.

 140, 160, 142

255, 255, 255

 194, 215, 196

 221, 243, 223

 250, 255, 250

 140, 160, 142

 114, 134, 116

 90, 109, 92


 66, 84, 68


 44, 61, 46


 24, 39, 26

 0, 19, 2

 0, 0, 0

 140, 160, 142

 124, 160, 128

 140, 160, 142

 156, 160, 156

■ 108, 160, 113

■ 161, 160, 172

■ 92, 160, 99

■ 163, 160, 188

■ 76, 160, 84

■ 164, 160, 204

■ 60, 160, 70

■ 166, 160, 220

■ 44, 160, 56

■ 168, 160, 236

■ 28, 160, 41

■ 169, 160, 252

■ 12, 160, 27

■ 171, 160, 255

■ 0, 160, 16

■ 172, 160, 255

Harmonies

Analogous

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



159, 169, 139



140, 160, 142



146, 163, 162

Triad

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



140, 160, 142



136, 152, 174



177, 152, 161

Complementary

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



140, 160, 142



142, 140, 160

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.



169, 153, 170



140, 160, 142



145, 155, 178

Square

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



140, 160, 142



133, 149, 166



157, 156, 176



180, 152, 151

Rectangle

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



140, 160, 142



140, 156, 164



157, 156, 176



175, 152, 164

Sweetspot

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



140, 160, 142



201, 209, 202



160, 142, 140



99, 105, 100



232, 232, 232



105, 105, 105

Same Dimension

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



140, 160, 142



178, 209, 181



140, 160, 152



71, 79, 72



0, 143, 14



0, 15, 1

Inverse Universe

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



142, 140, 160



181, 178, 209



152, 140, 160



72, 71, 79



14, 0, 143



2, 0, 15

Previews

White Background



This preview shows how the RYB color 140, 160, 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 140, 160, 142 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

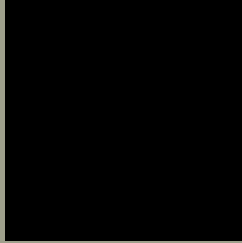
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

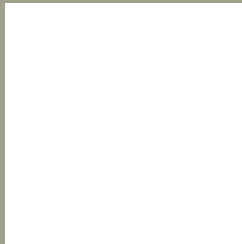
Any Text WCAG AAA ✓ Pass

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

RYB 140, 160, 142 Background



This preview shows how black text looks on a background with the RYB color 140, 160, 142.



This preview shows how white text looks on a background with the RYB color 140, 160, 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
140, 160, 142

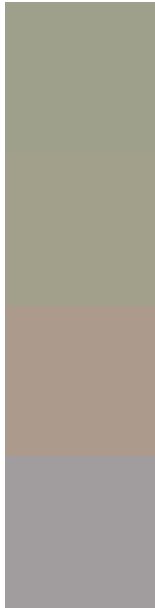
Protanopia
149, 165, 139

Deuteranopia
180, 156, 142



Tritanopia
162, 156, 168

Trichromacy



Original Color

140, 160, 142

Protanomaly

142, 162, 139

Deuteranomaly

172, 167, 141

Tritanomaly

161, 157, 158

Monochromacy



Original Color

140, 160, 142

Achromatopsia

157, 157, 157

Achromatomaly

151, 158, 152

CSS Examples

Text

The CSS property to change the color of the text to RYB 140, 160, 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(158, 160, 140)` looks like.

```
.text, #text, p{  
    color:rgb(158, 160, 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(158, 160, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 160, 140) }
```

Border

The CSS property to change the border of an element to RYB 140, 160, 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(158, 160, 140) }
```

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

```
.border{ border-color:rgb(158, 160, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 160, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 160, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 160, 140);  
box-shadow:4px 4px 4px 4px rgb(158, 160,  
140) }
```

Background

The CSS property to change the background color of an element to RYB 140, 160, 142 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 160, 140) }
```

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

```
.background{ background-color: rgb(158,  
160, 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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