

Converting Colors

`RYB(144, 162, 162)`

Have a look what the booklet for
RYB(144, 162, 162) contains.

RYB(144, 162, 162)	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

$\text{RYB}(144, 162, 162)$

Conversions

Conversions Part 1

Format	Color
Hex	90A290
RGB	144, 162, 144
RGB Percent	56%, 64%, 56%
CMY	0.4353, 0.3647, 0.4353
CMYK	0.11, 0.00, 0.11, 0.36
HSL	120°, 9%, 60%
HSV	120°, 11%, 64%
XYZ	29.4560, 33.7836, 31.3539
YIQ	154.5660, -4.9500, -9.4140

Conversions

Conversions Part 2

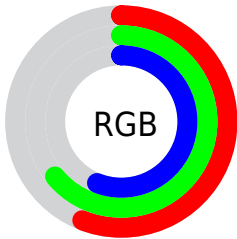
Format	Color
RYB	144, 162, 162
Decimal	9478800
CIELab	64.79, -9.87, 7.22
CIElCh	65, 12.233, 143.810
Yxy	33.7836, 0.3114, 0.3571
Android (android.graphics.Color)	4287668880 (0xFF90A290)
YUV	154.5660, -5.2090, -9.2664
Hunter-Lab	58.1236, -11.2559, 8.7034

Details

The RYB color **144, 162, 162** is a light color, and the websafe version is hex **999999**. A complement of this color would be **162, 144, 162**, and the grayscale version is **155, 155, 155**.

A 20% lighter version of the original color is **198, 217, 217**, and **94, 110, 110** is the 20% darker color. If you saturate the color by 10%, you get **128, 162, 162**, and if you desaturate by 10%, it is **160, 162, 162**.

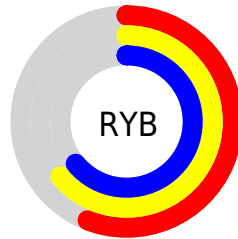
Distribution



Red (56%)

Green (64%)

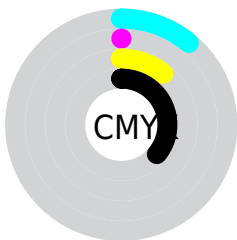
Blue (56%)



Red (56%)

Yellow (64%)

Blue (64%)

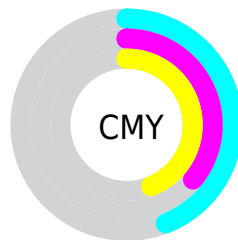


Cyan (11%)

Magenta (0%)

Yellow (11%)

Black (36%)



Cyan (44%)

Magenta (36%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the RYB color 144, 162, 162 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 144, 162, 162 by changing the saturation by 10% instead.

 144, 162, 162

255, 255, 255


 198, 217, 217

 226, 245, 245

254, 255, 254

 144, 162, 162

 118, 136, 136

 94, 110, 110


 70, 86, 86


 47, 62, 63


 26, 40, 41

 0, 21, 21


 0, 0, 0

 144, 162, 162


 128, 162, 162


 144, 162, 162


 160, 162, 162

 112, 162, 162


 176, 162, 176

 95, 162, 162


 193, 162, 193


 79, 162, 162


 209, 162, 209

 63, 162, 162


 225, 162, 225

 47, 162, 162

 241, 162, 241

 31, 162, 162

 255, 162, 255

 14, 162, 162

 0, 162, 162

Harmonies

Analogous

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



137, 159, 139



144, 162, 162



134, 152, 164

Triad

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



144, 162, 162



143, 154, 179



181, 150, 149

Complementary

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



144, 162, 162



162, 144, 162

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.



178, 150, 160



144, 162, 162



157, 155, 177

Square

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



144, 162, 162



132, 150, 174



169, 152, 170



177, 158, 140

Rectangle

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



144, 162, 162



130, 148, 164



169, 152, 170



181, 150, 152

Sweetspot

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



144, 162, 162



205, 212, 212



144, 162, 144



103, 107, 107



235, 235, 235



107, 107, 107

Same Dimension

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



144, 162, 162



184, 212, 212



144, 156, 162



73, 82, 82



0, 145, 145



0, 18, 18

Inverse Universe

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



162, 144, 162



212, 184, 212



162, 144, 153



82, 73, 82



145, 0, 145



18, 0, 18

Previews

White Background



This preview shows how the RYB color 144, 162, 162 looks on a white background.

Color Contrast Check

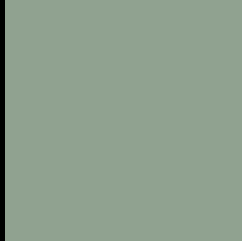
Large Text (above 18pt) WCAG AA × Fail

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 144, 162, 162 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

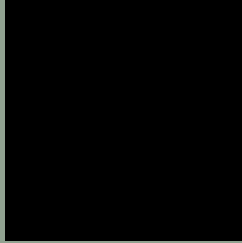
Any Text WCAG AA ✓ Pass

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](#).

R Y B 144, 162, 162 Background



This preview shows how black text looks on a background with the RYB color 144, 162, 162.



This preview shows how white text looks on a background with the RYB color 144, 162, 162.

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
144, 162, 162

Protanopia
151, 163, 141

Deuteranopia
176, 152, 146



Tritanopia
148, 155, 171

Trichromacy



Original Color

144, 162, 162

Protanomaly

142, 158, 144

Deuteranomaly

162, 164, 145

Tritanomaly

147, 153, 161

Monochromacy



Original Color

144, 162, 162

Achromatopsia

155, 155, 155

Achromatomaly

151, 158, 158

CSS Examples

Text

The CSS property to change the color of the text to RYB 144, 162, 162 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, 162, 144)` looks like.

```
.text, #text, p{  
    color:rgb(144, 162, 144)  
}
```

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, 162, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 162, 144) }
```

Border

The CSS property to change the border of an element to RYB 144, 162, 162 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, 162, 144) }
```

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

```
.border{ border-color:rgb(144, 162, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 162, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 162, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 162, 144);  
box-shadow:4px 4px 4px 4px rgb(144, 162,  
144) }
```

Background

The CSS property to change the background color of an element to RYB 144, 162, 162 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 162, 144) }
```

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

```
.background{ background-color: rgb(144,  
162, 144) }
```

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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