

Converting Colors

`RYB(124, 150, 160)`

Have a look what the booklet for
RYB(124, 150, 160) contains.

RYB(124, 150, 160)	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

R_YB(124, 150, 160)

Conversions

Conversions Part 1

Format	Color
Hex	7CA08A
RGB	124, 160, 138
RGB Percent	49%, 63%, 54%
CMY	0.5137, 0.3725, 0.4594
CMYK	0.22, 0.00, 0.14, 0.37
HSL	143°, 16%, 56%
HSV	143°, 22%, 63%
XYZ	25.4593, 31.2572, 28.6778
YIQ	146.7280, -14.3940, -14.4740

Conversions

Conversions Part 2

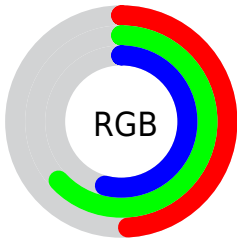
Format	Color
RYB	124, 150, 160
Decimal	8167562
CIELab	62.72, -17.02, 7.53
CIELCh	63, 18.611, 156.133
Yxy	31.2572, 0.2981, 0.3660
Android (android.graphics.Color)	4286357642 (0xFF7CA08A)
YUV	146.7280, -4.3029, -19.9325
Hunter-Lab	55.9082, -16.5545, 8.7232

Details

The RYB color **124, 150, 160** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **160, 124, 146**, and the grayscale version is **147, 147, 147**.

A 20% lighter version of the original color is **177, 205, 215**, and **74, 98, 108** is the 20% darker color. If you saturate the color by 10%, you get **108, 146, 160**, and if you desaturate by 10%, it is **140, 154, 160**.

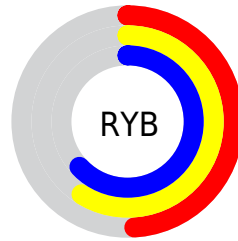
Distribution



Red (49%)

Green (63%)

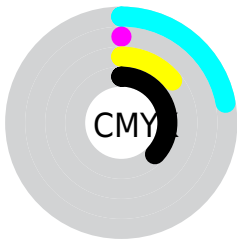
Blue (54%)



Red (49%)

Yellow (59%)

Blue (63%)

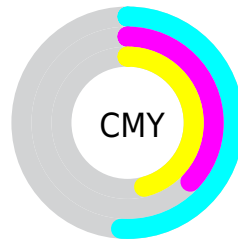


Cyan (22%)

Magenta (0%)

Yellow (14%)

Black (37%)



Cyan (51%)


Magenta (37%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the RYB color 124, 150, 160 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 124, 150, 160 by changing the saturation by 10% instead.


 124, 150, 160


255, 255, 255

 177, 205, 215


 205, 233, 243

 233, 246, 255

 124, 150, 160


 99, 125, 134

 74, 98, 108


 51, 74, 84


 28, 51, 61


 5, 28, 39

 0, 17, 17


 0, 0, 0

 124, 150, 160


 108, 146, 160


 124, 150, 160


 140, 154, 160

 92, 141, 160


 156, 159, 160

 76, 137, 160


 172, 160, 167


 60, 132, 160


 188, 160, 177


 44, 128, 160

 204, 160, 187

 28, 123, 160

 220, 160, 197

 12, 119, 160

 236, 160, 207

 0, 115, 160

 252, 160, 217

 255, 160, 226

Harmonies

Analogous

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



125, 157, 140



124, 150, 160



110, 137, 161

Triad

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



124, 150, 160



137, 148, 184



185, 144, 133

Complementary

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



124, 150, 160



160, 124, 146

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.



185, 140, 149



124, 150, 160



159, 146, 178

Square

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



124, 150, 160



117, 142, 181



176, 142, 165



176, 165, 122

Rectangle

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



124, 150, 160



106, 135, 166



176, 142, 165



186, 141, 138

Sweetspot

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



124, 150, 160



194, 205, 209



124, 160, 138



96, 103, 105



232, 232, 232



105, 105, 105

Same Dimension

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



124, 150, 160



153, 194, 209



124, 143, 160



71, 77, 79



0, 103, 143



0, 11, 15

Inverse Universe

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



160, 124, 146



209, 153, 187



160, 124, 128



79, 71, 76



143, 0, 88



15, 0, 9

Previews

White Background



This preview shows how the RYB color 124, 150, 160 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 124, 150, 160 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 124, 150, 160 Background



This preview shows how black text looks on a background with the RYB color 124, 150, 160.



This preview shows how white text looks on a background with the RYB color 124, 150, 160.

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
124, 150, 160

Protanopia
143, 158, 133

Deuteranopia
170, 147, 141



Tritanopia
130, 145, 168

Trichromacy



Original Color
124, 150, 160

Protanomaly
135, 154, 143

Deuteranomaly
142, 153, 140

Tritanomaly
128, 143, 157

Monochromacy



Original Color
124, 150, 160

Achromatopsia
147, 147, 147

Achromatomaly
139, 148, 152

CSS Examples

Text

The CSS property to change the color of the text to RYB 124, 150, 160 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(124, 160, 138)` looks like.

```
.text, #text, p{  
    color:rgb(124, 160, 138)  
}
```

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(124, 160, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 160, 138) }
```

Border

The CSS property to change the border of an element to RYB 124, 150, 160 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(124, 160, 138) }
```

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

```
.border{ border-color:rgb(124, 160, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 160, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 160, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 160, 138);  
box-shadow:4px 4px 4px 4px rgb(124, 160,  
138) }
```

Background

The CSS property to change the background color of an element to RYB 124, 150, 160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 160, 138) }
```

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

```
.background{ background-color: rgb(124,  
160, 138) }
```

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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