

Converting Colors

`RYB(120, 174, 152)`

Have a look what the booklet for
RYB(120, 174, 152) contains.

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Color

$\text{RYB}(120, 174, 152)$

Conversions

Conversions Part 1

Format	Color
Hex	8EAE78
RGB	142, 174, 120
RGB Percent	56%, 68%, 47%
CMY	0.4431, 0.3176, 0.5294
CMYK	0.18, 0.00, 0.31, 0.32
HSL	96°, 25%, 58%
HSV	96°, 31%, 68%
XYZ	29.6815, 37.3790, 23.4198
YIQ	158.2760, -1.7380, -23.5780

Conversions

Conversions Part 2

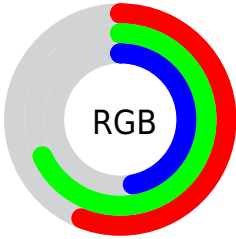
Format	Color
RYB	120, 174, 152
Decimal	9350776
CIELab	67.56, -20.95, 24.24
CIELCh	68, 32.038, 130.839
Yxy	37.3790, 0.3280, 0.4131
Android (android.graphics.Color)	4287540856 (0xFF8EAE78)
YUV	158.2760, -18.8701, -14.2741
Hunter-Lab	61.1383, -20.3336, 20.0851

Details

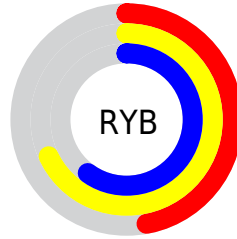
The RYB color **120, 174, 152** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **152, 120, 174**, and the grayscale version is **158, 158, 158**.

A 20% lighter version of the original color is **173, 230, 207**, and **71, 121, 101** is the 20% darker color. If you saturate the color by 10%, you get **103, 174, 145**, and if you desaturate by 10%, it is **137, 174, 159**.

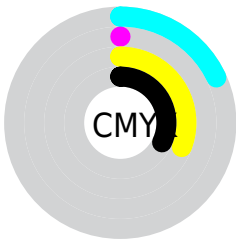
Distribution



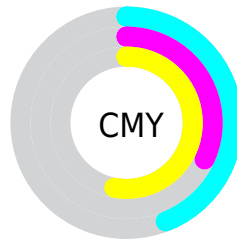
- Red (56%)
- Green (68%)
- Blue (47%)



- Red (47%)
- Yellow (68%)
- Blue (60%)



- Cyan (18%)
- Magenta (0%)
- Yellow (31%)
- Black (32%)




- Cyan (44%)
- Magenta (32%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the RYB color 120, 174, 152 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 120, 174, 152 by changing the saturation by 10% instead.


 120, 174, 152


255, 255, 255


 173, 230, 207


 200, 255, 230


 228, 255, 230

 120, 174, 152

 95, 147, 126

 71, 121, 101

 48, 97, 79

 26, 73, 56


 1, 50, 30


 0, 30, 30


 0, 0, 0

 120, 174, 152


 103, 174, 145

 120, 174, 152


 137, 174, 159


 85, 174, 138


 155, 174, 166


 68, 174, 131


 172, 174, 173


 50, 174, 123

 183, 174, 190


 33, 174, 117

 194, 174, 207

 16, 174, 110

 204, 174, 224

 0, 174, 103

 214, 174, 242

 224, 174, 255

 235, 174, 255

Harmonies

Analogous

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



116, 174, 107



120, 174, 152



108, 155, 179

Triad

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



120, 174, 152



97, 144, 218



222, 143, 155

Complementary

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



120, 174, 152



152, 120, 174

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.



210, 145, 184



120, 174, 152



141, 159, 221

Square

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



120, 174, 152



66, 127, 201



182, 153, 208



218, 152, 128

Rectangle

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



120, 174, 152



85, 137, 180



182, 153, 208



219, 143, 165

Sweetspot

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



120, 174, 152



207, 227, 219



157, 174, 120



102, 115, 110



242, 242, 242



115, 115, 115

Same Dimension

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



120, 174, 152



143, 227, 193



120, 169, 174



78, 87, 83



0, 150, 89



0, 23, 14

Inverse Universe

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



152, 120, 174



193, 143, 227



174, 120, 170



83, 78, 87



89, 0, 150



14, 0, 23

Previews

White Background



This preview shows how the RYB color 120, 174, 152 looks on a white background.

Color Contrast Check

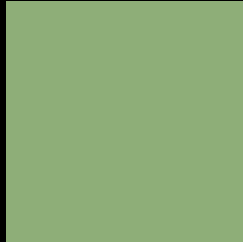
Large Text (above 18pt) WCAG AA × Fail

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 120, 174, 152 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

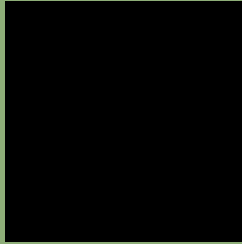
Any Text WCAG AA ✓ Pass

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 120, 174, 152 Background



This preview shows how black text looks on a background with the RYB color 120, 174, 152.

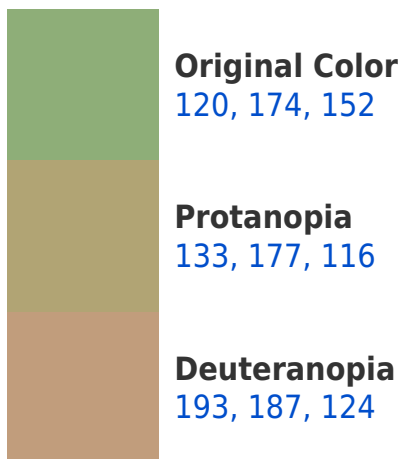


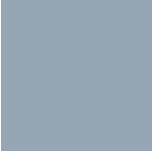
This preview shows how white text looks on a background with the RYB color 120, 174, 152.

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





Tritanopia
151, 161, 180

Trichromacy



Original Color

120, 174, 152

Protanomaly

117, 168, 121

Deuteranomaly

137, 174, 123

Tritanomaly

148, 162, 169

Monochromacy



Original Color

120, 174, 152

Achromatopsia

158, 158, 158

Achromatomaly

144, 164, 156

CSS Examples

Text

The CSS property to change the color of the text to RYB 120, 174, 152 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(142, 174, 120)` looks like.

```
.text, #text, p{  
    color:rgb(142, 174, 120)  
}
```

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(142, 174, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 174, 120) }
```

Border

The CSS property to change the border of an element to RYB 120, 174, 152 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(142, 174, 120) }
```

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

```
.border{ border-color:rgb(142, 174, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 174, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 174, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 174, 120);  
box-shadow:4px 4px 4px 4px rgb(142, 174,  
120) }
```

Background

The CSS property to change the background color of an element to RYB 120, 174, 152 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 174, 120) }
```

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

```
.background{ background-color: rgb(142,  
174, 120) }
```

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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