

Converting Colors

`RYB(120, 174, 126)`

Have a look what the booklet for
RYB(120, 174, 126) contains.

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Color

R_YB(120, 174, 126)

Conversions

Conversions Part 1

Format	Color
Hex	A8AE78
RGB	168, 174, 120
RGB Percent	66%, 68%, 47%
CMY	0.3412, 0.3176, 0.5294
CMYK	0.03, 0.00, 0.31, 0.32
HSL	67°, 25%, 58%
HSV	67°, 31%, 68%
XYZ	34.6747, 39.9530, 23.6534
YIQ	166.0500, 13.7580, -18.0660

Conversions

Conversions Part 2

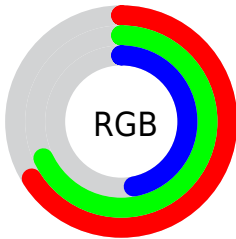
Format	Color
RYB	120, 174, 126
Decimal	11054712
CIELab	69.44, -10.99, 27.07
CIELCh	69, 29.220, 112.094
Yxy	39.9530, 0.3528, 0.4065
Android (android.graphics.Color)	4289244792 (0xFFA8AE78)
YUV	166.0500, -22.7027, 1.7101
Hunter-Lab	63.2084, -12.6937, 22.0587

Details

The RYB color **120, 174, 126** is a light color, and the websafe version is hex **999966**. A complement of this color would be **126, 120, 174**, and the grayscale version is **166, 166, 166**.

A 20% lighter version of the original color is **173, 229, 178**, and **71, 122, 78** is the 20% darker color. If you saturate the color by 10%, you get **103, 174, 111**, and if you desaturate by 10%, it is **137, 174, 141**.

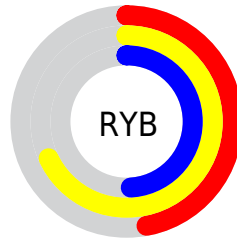
Distribution



Red (66%)

Green (68%)

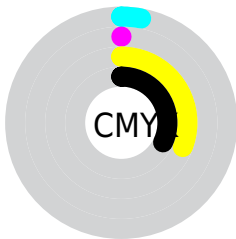
Blue (47%)



Red (47%)

Yellow (68%)

Blue (49%)

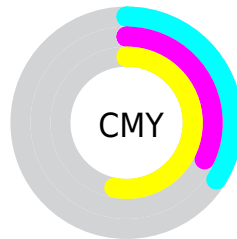


Cyan (3%)

Magenta (0%)

Yellow (31%)

Black (32%)



Cyan (34%)


Magenta (32%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the RYB color 120, 174, 126 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, 126 by changing the saturation by 10% instead.


 120, 174, 126


255, 255, 255


 173, 229, 178


 200, 255, 202

 228, 255, 228

 120, 174, 126

 95, 147, 101

 71, 122, 78

 48, 97, 55

 25, 73, 32

 0, 51, 8


 0, 30, 9

 0, 0, 0

 120, 174, 126

 103, 174, 111

 120, 174, 126

 137, 174, 141

85, 174, 95

155, 174, 157

68, 174, 80

172, 174, 172

50, 174, 64

176, 174, 190

33, 174, 49

178, 174, 207

16, 174, 34

180, 174, 224

0, 174, 19

182, 174, 242

183, 174, 255

185, 174, 255

Harmonies

Analogous

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



166, 195, 117



120, 174, 126



136, 180, 178

Triad

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



120, 174, 126



93, 143, 211



217, 151, 178

Complementary

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



120, 174, 126



126, 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.



197, 156, 202



120, 174, 126



125, 157, 221

Square

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



120, 174, 126



87, 137, 189



164, 165, 218



223, 151, 151

Rectangle

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



120, 174, 126



117, 160, 183



164, 165, 218



212, 152, 187

Sweetspot

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



120, 174, 126



207, 227, 209



174, 126, 120



102, 115, 104



242, 242, 242



115, 115, 115

Same Dimension

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



120, 174, 126



143, 227, 152



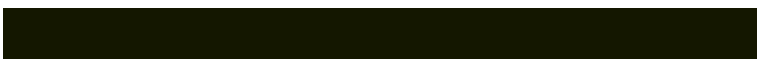
120, 174, 152



78, 87, 79



0, 150, 16



0, 23, 3

Inverse Universe

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



126, 120, 174



152, 143, 227



152, 120, 174



79, 78, 87



17, 0, 150



3, 0, 23

Previews

White Background



This preview shows how the RYB color 120, 174, 126 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, 126 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, 126 Background



This preview shows how black text looks on a background with the RYB color 120, 174, 126.



This preview shows how white text looks on a background with the RYB color 120, 174, 126.

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
[120, 174, 126](#)

Protanopia
[136, 183, 118](#)

Deuteranopia
[199, 201, 122](#)



Tritanopia
176, 166, 180

Trichromacy



Original Color

120, 174, 126

Protanomaly

127, 178, 119

Deuteranomaly

156, 189, 121

Tritanomaly

163, 173, 158

Monochromacy



Original Color

120, 174, 126

Achromatopsia

166, 166, 166

Achromatomaly

149, 169, 151

CSS Examples

Text

The CSS property to change the color of the text to RYB 120, 174, 126 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(168, 174, 120)` looks like.

```
.text, #text, p{  
    color:rgb(168, 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(168, 174, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 174, 120) }
```

Border

The CSS property to change the border of an element to RYB 120, 174, 126 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(168, 174, 120) }
```

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

```
.border{ border-color:rgb(168, 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(168, 174, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 174, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 174, 120);  
box-shadow:4px 4px 4px 4px rgb(168, 174,  
120) }
```

Background

The CSS property to change the background color of an element to RYB 120, 174, 126 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 174, 120) }
```

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

```
.background{ background-color: rgb(168,  
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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