

Converting Colors

`RYB(119, 174, 121)`

Have a look what the booklet for
RYB(119, 174, 121) contains.

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Color

R_YB(119, 174, 121)

Conversions

Conversions Part 1

Format	Color
Hex	ACAE77
RGB	172, 174, 119
RGB Percent	67%, 68%, 47%
CMY	0.3255, 0.3176, 0.5333
CMYK	0.01, 0.00, 0.32, 0.32
HSL	62°, 25%, 57%
HSV	62°, 32%, 68%
XYZ	35.4791, 40.3747, 23.3759
YIQ	167.1320, 16.4630, -17.5290

Conversions

Conversions Part 2

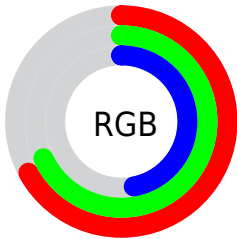
Format	Color
RYB	119, 174, 121
Decimal	11316855
CIELab	69.74, -9.54, 28.06
CIELCh	70, 29.640, 108.775
Yxy	40.3747, 0.3575, 0.4069
Android (android.graphics.Color)	4289506935 (0xFFACAE77)
YUV	167.1320, -23.7291, 4.2692
Hunter-Lab	63.5411, -11.5288, 22.6667

Details

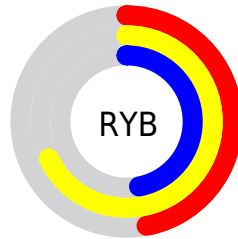
The RYB color **119, 174, 121** is a light color, and the websafe version is hex **999966**. A complement of this color would be **121, 119, 174**, and the grayscale version is **167, 167, 167**.

A 20% lighter version of the original color is **172, 229, 173**, and **70, 122, 73** is the 20% darker color. If you saturate the color by 10%, you get **102, 174, 105**, and if you desaturate by 10%, it is **136, 174, 137**.

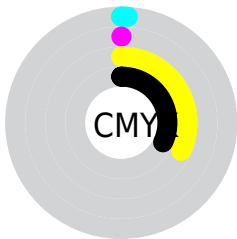
Distribution



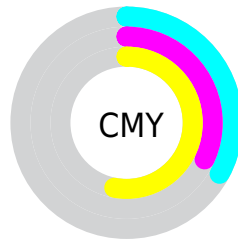
- Red (67%)
- Green (68%)
- Blue (47%)



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



- Cyan (1%)
- Magenta (0%)
- Yellow (32%)
- Black (32%)



- Cyan (33%)
- Magenta (32%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the RYB color 119, 174, 121 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 119, 174, 121 by changing the saturation by 10% instead.

 119, 174, 121


255, 255, 255

 172, 229, 173

 199, 255, 199

 227, 255, 227

 119, 174, 121

 94, 147, 96

 70, 122, 73

 47, 97, 51

 24, 73, 28

 0, 51, 5

 0, 30, 6

 0, 0, 0

 119, 174, 121

 102, 174, 105

 119, 174, 121

 136, 174, 137

■ 84, 174, 87

■ 154, 174, 155

■ 67, 174, 71

■ 171, 174, 171

■ 49, 174, 54

■ 175, 174, 189

■ 32, 174, 37

■ 175, 174, 206

■ 15, 174, 21

■ 176, 174, 223

■ 0, 174, 6

■ 176, 174, 241

■ 177, 174, 255

■ 178, 174, 255

Harmonies

Analogous

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



177, 199, 118



119, 174, 121



134, 181, 174

Triad

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



119, 174, 121



90, 142, 210



217, 151, 182

Complementary

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



119, 174, 121



121, 119, 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.



195, 158, 206



119, 174, 121



121, 157, 223

Square

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



119, 174, 121



87, 136, 187



160, 166, 221



224, 151, 154

Rectangle

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



119, 174, 121



120, 164, 184



160, 166, 221



211, 153, 190

Sweetspot

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



119, 174, 121



207, 227, 208



174, 121, 119



102, 115, 103



242, 242, 242



115, 115, 115

Same Dimension

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



119, 174, 121



141, 227, 144



119, 174, 148



78, 87, 79



0, 150, 5



0, 23, 1

Inverse Universe

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



121, 119, 174



144, 141, 227



148, 119, 174



78, 78, 87



5, 0, 150



1, 0, 23

Previews

White Background



This preview shows how the RYB color 119, 174, 121 looks on a white background.

Color Contrast Check

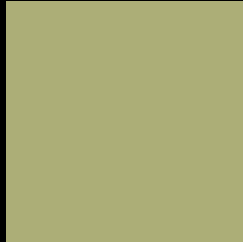
Large Text (above 18pt) WCAG AA × Fail

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 119, 174, 121 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 119, 174, 121 Background



This preview shows how black text looks on a background with the RYB color 119, 174, 121.



This preview shows how white text looks on a background with the RYB color 119, 174, 121.

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
119, 174, 121

Protanopia
135, 184, 117

Deuteranopia
196, 202, 121



Tritanopia
179, 166, 179

Trichromacy



Original Color
119, 174, 121

Protanomaly
129, 180, 118

Deuteranomaly
156, 191, 120

Tritanomaly
168, 176, 157

Monochromacy



Original Color
119, 174, 121

Achromatopsia
167, 167, 167

Achromatomaly
150, 170, 151

CSS Examples

Text

The CSS property to change the color of the text to RYB 119, 174, 121 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(172, 174, 119)` looks like.

```
.text, #text, p{  
    color:rgb(172, 174, 119)  
}
```

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(172, 174, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 174, 119) }
```

Border

The CSS property to change the border of an element to RYB 119, 174, 121 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(172, 174, 119) }
```

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

```
.border{ border-color:rgb(172, 174, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 174, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 174, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 174, 119);  
box-shadow:4px 4px 4px 4px rgb(172, 174,  
119) }
```

Background

The CSS property to change the background color of an element to RYB 119, 174, 121 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 174, 119) }
```

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

```
.background{ background-color: rgb(172,  
174, 119) }
```

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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