

Converting Colors

`RYB(125, 174, 118)`

Have a look what the booklet for
RYB(125, 174, 118) contains.

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Color

$\text{RYB}(125, 174, 118)$

Conversions

Conversions Part 1

Format	Color
Hex	AEA876
RGB	174, 168, 118
RGB Percent	68%, 66%, 46%
CMY	0.3176, 0.3420, 0.5373
CMYK	0.00, 0.04, 0.32, 0.32
HSL	53°, 26%, 57%
HSV	53°, 32%, 68%
XYZ	34.6872, 38.2300, 22.6904
YIQ	164.0940, 19.6260, -14.2780

Conversions

Conversions Part 2

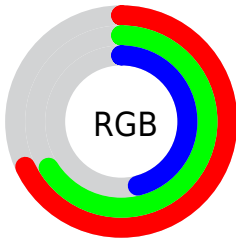
Format	Color
RYB	125, 174, 118
Decimal	11446390
CIELab	68.19, -5.58, 26.58
CIELCh	68, 27.159, 101.846
Yxy	38.2300, 0.3628, 0.3999
Android (android.graphics.Color)	4289636470 (0xFFAEA876)
YUV	164.0940, -22.7243, 8.6876
Hunter-Lab	61.8304, -8.0636, 21.5231

Details

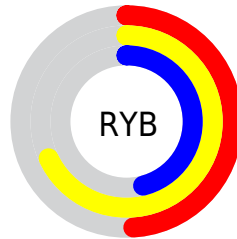
The RYB color **125, 174, 118** is a light color, and the websafe version is hex **999966**. A complement of this color would be **118, 123, 174**, and the grayscale version is **164, 164, 164**.

A 20% lighter version of the original color is **179, 230, 171**, and **75, 121, 69** is the 20% darker color. If you saturate the color by 10%, you get **110, 174, 101**, and if you desaturate by 10%, it is **139, 174, 135**.

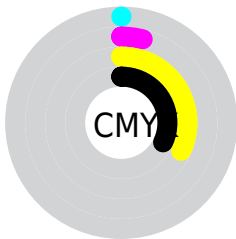
Distribution



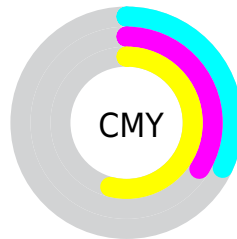
- Red (68%)
- Green (66%)
- Blue (46%)



- Red (49%)
- Yellow (68%)
- Blue (46%)



- Cyan (0%)
- Magenta (4%)
- Yellow (32%)
- Black (32%)



- Cyan (32%)
- Magenta (34%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the RYB color 125, 174, 118 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 125, 174, 118 by changing the saturation by 10% instead.

 125, 174, 118


255, 255, 255

 179, 230, 171

 202, 255, 198

 226, 255, 226

 125, 174, 118

 100, 147, 93

 75, 121, 69

 50, 95, 46

 27, 71, 24

 2, 48, 0

 0, 25, 0

 0, 0, 0

 125, 174, 118

 110, 174, 101

 125, 174, 118

 139, 174, 135

■ 94, 174, 83

■ 155, 174, 153

■ 80, 174, 66

■ 170, 174, 170

■ 64, 174, 48

■ 174, 176, 188

■ 49, 174, 31

■ 174, 177, 205

■ 34, 174, 14

■ 174, 179, 222

■ 21, 174, 0

■ 174, 180, 240

■ 174, 182, 255

■ 174, 184, 255

Harmonies

Analogous

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



191, 197, 120



125, 174, 118



129, 175, 157

Triad

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



125, 174, 118



93, 140, 198



205, 150, 182

Complementary

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



125, 174, 118



118, 123, 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.



182, 157, 203



125, 174, 118



115, 151, 212

Square

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



125, 174, 118



96, 139, 180



149, 162, 214



216, 148, 157

Rectangle

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



125, 174, 118



128, 167, 178



149, 162, 214



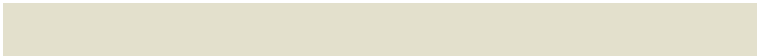
199, 152, 190

Sweetspot

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



125, 174, 118



207, 227, 204



174, 118, 125



103, 115, 101



242, 242, 242



115, 115, 115

Same Dimension

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



125, 174, 118



149, 227, 138



118, 174, 139



79, 87, 78



18, 150, 0



3, 23, 0

Inverse Universe

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



118, 123, 174



138, 147, 227



139, 118, 174



78, 79, 87



0, 15, 150



0, 3, 23

Previews

White Background



This preview shows how the RYB color 125, 174, 118 looks on a white background.

Color Contrast Check

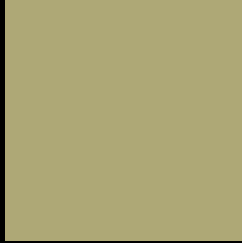
Large Text (above 18pt) WCAG AA × Fail

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 125, 174, 118 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

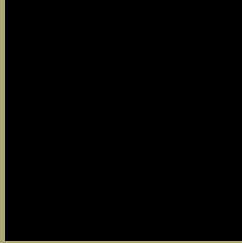
Any Text WCAG AA ✓ Pass

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 125, 174, 118 Background



This preview shows how black text looks on a background with the RYB color 125, 174, 118.



This preview shows how white text looks on a background with the RYB color 125, 174, 118.

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


125, 174, 118

Protanopia

133, 179, 117

Deuteranopia

195, 197, 120



Tritanopia
181, 161, 173

Trichromacy



Original Color

125, 174, 118

Protanomaly

129, 177, 117

Deuteranomaly

163, 189, 119

Tritanomaly

178, 170, 153

Monochromacy



Original Color

125, 174, 118

Achromatopsia

164, 164, 164

Achromatomaly

151, 168, 147

CSS Examples

Text

The CSS property to change the color of the text to RYB 125, 174, 118 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(174, 168, 118)` looks like.

```
.text, #text, p{  
    color:rgb(174, 168, 118)  
}
```

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(174, 168, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 168, 118) }
```

Border

The CSS property to change the border of an element to RYB 125, 174, 118 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(174, 168, 118) }
```

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

```
.border{ border-color:rgb(174, 168, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 168, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 168, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 168, 118);  
box-shadow:4px 4px 4px 4px rgb(174, 168,  
118) }
```

Background

The CSS property to change the background color of an element to RYB 125, 174, 118 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 168, 118) }
```

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

```
.background{ background-color: rgb(174,  
168, 118) }
```

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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