

Converting Colors

`RYB(118, 188, 135)`

Have a look what the booklet for
RYB(118, 188, 135) contains.

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Color

R_YB(118, 188, 135)

Conversions

Conversions Part 1

Format	Color
Hex	ABBC76
RGB	171, 188, 118
RGB Percent	67%, 74%, 46%
CMY	0.3294, 0.2627, 0.5373
CMYK	0.09, 0.00, 0.37, 0.26
HSL	75°, 34%, 60%
HSV	75°, 37%, 74%
XYZ	38.0478, 45.9324, 24.0000
YIQ	174.9370, 12.3380, -25.3740

Conversions

Conversions Part 2

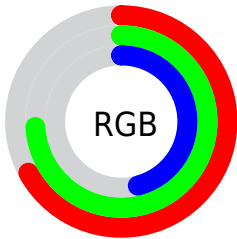
Format	Color
R _{YB}	118, 188, 135
Decimal	11254902
CIE Lab	73.50, -17.29, 33.50
CIE LCh	74, 37.697, 117.294
Yxy	45.9324, 0.3524, 0.4254
Android (android.graphics.Color)	4289444982 (0xFFABBC76)
YUV	174.9370, -28.0699, -3.4527
Hunter-Lab	67.7734, -18.3941, 26.4455

Details

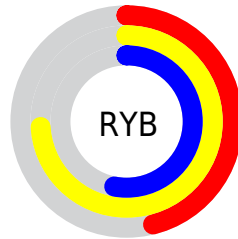
The RYB color **118, 188, 135** is a light color, and the websafe version is hex **C9C999**. A complement of this color would be **135, 118, 188**, and the grayscale version is **175, 175, 175**.

A 20% lighter version of the original color is **171, 244, 188**, and **68, 135, 85** is the 20% darker color. If you saturate the color by 10%, you get **99, 188, 121**, and if you desaturate by 10%, it is **137, 188, 149**.

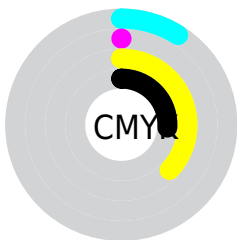
Distribution



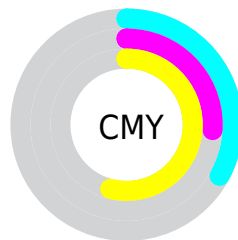
- Red (67%)
- Green (74%)
- Blue (46%)



- Red (46%)
- Yellow (74%)
- Blue (53%)



- Cyan (9%)
- Magenta (0%)
- Yellow (37%)
- Black (26%)



- Cyan (33%)
- Magenta (26%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the RYB color 118, 188, 135 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 118, 188, 135 by changing the saturation by 10% instead.


 118, 188, 135


255, 255, 255

 171, 244, 188


 199, 255, 199


 227, 255, 227

 118, 188, 135

 93, 161, 110

 68, 135, 85

 44, 109, 61

 21, 85, 39


 0, 62, 18

 0, 40, 19

 0, 21, 21

 0, 0, 0

 118, 188, 135

 118, 188, 135

■ 99, 188, 121

■ 137, 188, 149

■ 80, 188, 106

■ 156, 188, 164

■ 62, 188, 93

■ 174, 188, 177

■ 43, 188, 78

■ 189, 188, 193

■ 24, 188, 64

■ 194, 188, 212

■ 5, 188, 49

■ 198, 188, 231

■ 0, 188, 46

■ 203, 188, 250

■ 208, 188, 255

■ 212, 188, 255

Harmonies

Analogous

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



155, 207, 111



118, 188, 135



130, 185, 195

Triad

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



118, 188, 135



69, 141, 238



244, 154, 185

Complementary

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



118, 188, 135



135, 118, 188

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.



221, 161, 218



118, 188, 135



126, 166, 249

Square

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



118, 188, 135



47, 126, 211



180, 173, 242



248, 156, 151

Rectangle

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



118, 188, 135



101, 160, 198



180, 173, 242



239, 155, 197

Sweetspot

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



118, 188, 135



218, 245, 225



188, 139, 118



106, 122, 109



250, 250, 250



122, 122, 122

Same Dimension

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



118, 188, 135



135, 245, 162



118, 188, 169



85, 94, 87



0, 158, 38



0, 31, 8

Inverse Universe

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



135, 118, 188



161, 135, 245



169, 118, 188



87, 85, 94



38, 0, 158



7, 0, 31

Previews

White Background



This preview shows how the RYB color 118, 188, 135 looks on a white background.

Color Contrast Check

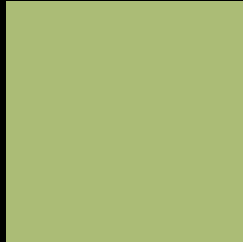
Large Text (above 18pt) WCAG AA × Fail

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 118, 188, 135 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

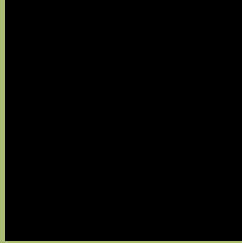
Any Text WCAG AA ✓ Pass

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 118, 188, 135 Background



This preview shows how black text looks on a background with the RYB color 118, 188, 135.



This preview shows how white text looks on a background with the RYB color 118, 188, 135.

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
118, 188, 135

Protanopia
135, 196, 115

Deuteranopia
203, 216, 121



Tritanopia
181, 179, 193

Trichromacy



Original Color
118, 188, 135

Protanomaly
120, 187, 116

Deuteranomaly
150, 200, 120

Tritanomaly
166, 182, 171

Monochromacy



Original Color
118, 188, 135

Achromatopsia
175, 175, 175

Achromatomaly
154, 180, 160

CSS Examples

Text

The CSS property to change the color of the text to RYB 118, 188, 135 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(171, 188, 118)` looks like.

```
.text, #text, p{  
    color:rgb(171, 188, 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(171, 188, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 188, 118) }
```

Border

The CSS property to change the border of an element to RYB 118, 188, 135 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(171, 188, 118) }
```

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

```
.border{ border-color:rgb(171, 188, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 188, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 188, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 188, 118);  
box-shadow:4px 4px 4px 4px rgb(171, 188,  
118) }
```

Background

The CSS property to change the background color of an element to RYB 118, 188, 135 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 188, 118) }
```

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

```
.background{ background-color: rgb(171,  
188, 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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