

Converting Colors

`RYB(107, 187, 136)`

Have a look what the booklet for
RYB(107, 187, 136) contains.

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Color

R_YB(107, 187, 136)

Conversions

Conversions Part 1

Format	Color
Hex	9EBB6B
RGB	158, 187, 107
RGB Percent	62%, 73%, 42%
CMY	0.3804, 0.2667, 0.5804
CMYK	0.16, 0.00, 0.43, 0.27
HSL	82°, 37%, 58%
HSV	82°, 43%, 73%
XYZ	34.5247, 43.8713, 20.5583
YIQ	169.2090, 8.3960, -31.0280

Conversions

Conversions Part 2

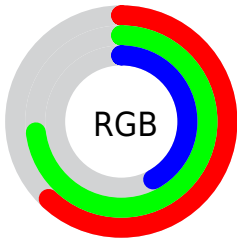
Format	Color
RYB	107, 187, 136
Decimal	10402667
CIELab	72.14, -23.17, 37.23
CIELCh	72, 43.854, 121.896
Yxy	43.8713, 0.3489, 0.4433
Android (android.graphics.Color)	4288592747 (0xFF9EBB6B)
YUV	169.2090, -30.6690, -9.8303
Hunter-Lab	66.2354, -22.8701, 27.9622

Details

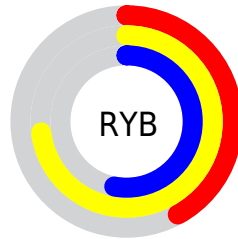
The RYB color **107, 187, 136** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **136, 107, 187**, and the grayscale version is **170, 170, 170**.

A 20% lighter version of the original color is **160, 243, 189**, and **57, 134, 86** is the 20% darker color. If you saturate the color by 10%, you get **88, 187, 124**, and if you desaturate by 10%, it is **126, 187, 148**.

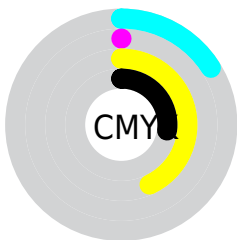
Distribution



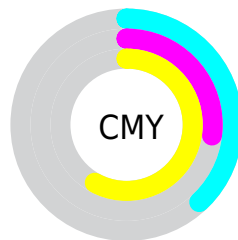
- Red (62%)
- Green (73%)
- Blue (42%)



- Red (42%)
- Yellow (73%)
- Blue (53%)



- Cyan (16%)
- Magenta (0%)
- Yellow (43%)
- Black (27%)




- Cyan (38%)
- Magenta (27%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the RYB color 107, 187, 136 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 107, 187, 136 by changing the saturation by 10% instead.

 107, 187, 136

255, 255, 255


 160, 243, 189

 187, 255, 199


 215, 255, 215

 244, 255, 244

 107, 187, 136


 82, 160, 111

 57, 134, 86

 33, 108, 61


 6, 84, 35


 0, 61, 29

 0, 39, 35

 0, 14, 14

 0, 0, 0

 107, 187, 136

 107, 187, 136

■ 88, 187, 124

■ 126, 187, 148

■ 70, 187, 113

■ 144, 187, 159

■ 51, 187, 100

■ 163, 187, 172

■ 32, 187, 88

■ 182, 187, 184

■ 13, 187, 76

■ 192, 187, 201

■ 0, 187, 68

■ 199, 187, 219

■ 205, 187, 238

■ 212, 187, 255

■ 219, 187, 255

Harmonies

Analogous

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



128, 200, 95



107, 187, 136



108, 173, 195

Triad

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



107, 187, 136



0, 108, 247



252, 145, 176

Complementary

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



107, 187, 136



136, 107, 187

Split Complementary

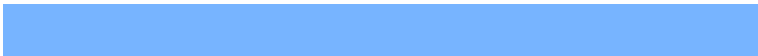
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



229, 151, 215



107, 187, 136



119, 161, 255

Square

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



107, 187, 136



0, 103, 218



184, 165, 245



252, 150, 137

Rectangle

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



107, 187, 136



66, 141, 197



184, 165, 245



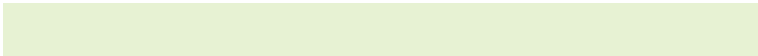
247, 146, 189

Sweetspot

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



107, 187, 136



211, 242, 222



187, 150, 107



103, 122, 110



250, 250, 250



122, 122, 122

Same Dimension

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



107, 187, 136



119, 242, 164



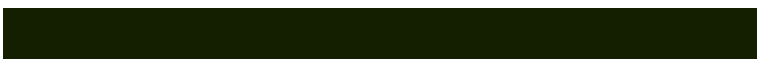
107, 187, 175



85, 94, 88



0, 158, 57



0, 31, 11

Inverse Universe

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



136, 107, 187



163, 119, 242



175, 107, 187



88, 85, 94



57, 0, 158



11, 0, 31

Previews

White Background



This preview shows how the RYB color 107, 187, 136 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 107, 187, 136 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 107, 187, 136 Background



This preview shows how black text looks on a background with the RYB color 107, 187, 136.

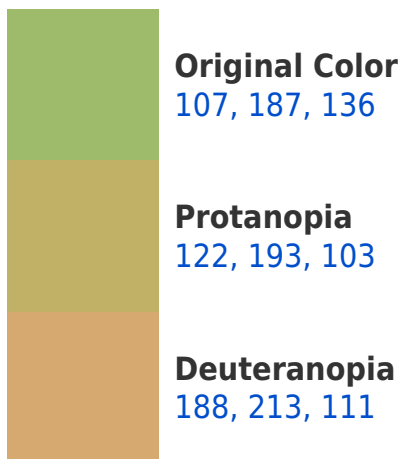


This preview shows how white text looks on a background with the RYB color 107, 187, 136.

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
169, 175, 191

Trichromacy



Original Color
107, 187, 136

Protanomaly
104, 181, 105

Deuteranomaly
131, 193, 110

Tritanomaly
160, 181, 176

Monochromacy



Original Color
107, 187, 136

Achromatopsia
169, 169, 169

Achromatomaly
146, 176, 157

CSS Examples

Text

The CSS property to change the color of the text to RGB 107, 187, 136 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(158, 187, 107) looks like.

```
.text, #text, p{  
    color:rgb(158, 187, 107)  
}
```

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(158, 187, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 187, 107) }
```

Border

The CSS property to change the border of an element to RYB 107, 187, 136 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(158, 187, 107) }
```

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

```
.border{ border-color:rgb(158, 187, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 187, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 187, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 187, 107);  
box-shadow:4px 4px 4px 4px rgb(158, 187,  
107) }
```

Background

The CSS property to change the background color of an element to RYB 107, 187, 136 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 187, 107) }
```

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

```
.background{ background-color: rgb(158,  
187, 107) }
```

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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