

Converting Colors

`RYB(107, 205, 139)`

Have a look what the booklet for
RYB(107, 205, 139) contains.

RYB(107, 205, 139)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(107, 205, 139)

Conversions

Conversions Part 1

Format	Color
Hex	ADCD6B
RGB	173, 205, 107
RGB Percent	68%, 80%, 42%
CMY	0.3216, 0.1961, 0.5804
CMYK	0.16, 0.00, 0.48, 0.20
HSL	80°, 49%, 61%
HSV	80°, 48%, 80%
XYZ	41.7187, 53.6084, 22.0586
YIQ	184.2600, 12.3860, -37.2620

Conversions

Conversions Part 2

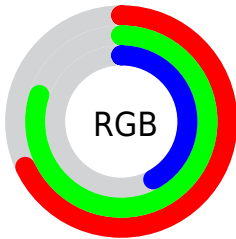
Format	Color
RYB	107, 205, 139
Decimal	11390315
CIELab	78.23, -26.19, 45.01
CIElCh	78, 52.073, 120.196
Yxy	53.6084, 0.3554, 0.4567
Android (android.graphics.Color)	4289580395 (0xFFADCD6B)
YUV	184.2600, -38.0892, -9.8750
Hunter-Lab	73.2178, -26.4236, 33.3899

Details

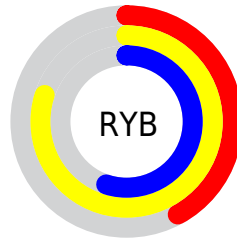
The RYB color **107, 205, 139** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **139, 107, 205**, and the grayscale version is **185, 185, 185**.

A 20% lighter version of the original color is **160, 255, 185**, and **56, 151, 88** is the 20% darker color. If you saturate the color by 10%, you get **86, 205, 125**, and if you desaturate by 10%, it is **127, 205, 152**.

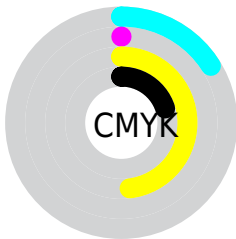
Distribution



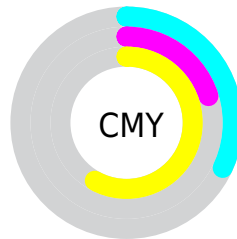
- Red (68%)
- Green (80%)
- Blue (42%)



- Red (42%)
- Yellow (80%)
- Blue (55%)



- Cyan (16%)
- Magenta (0%)
- Yellow (48%)
- Black (20%)



- Cyan (32%)
- Magenta (20%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the RYB color 107, 205, 139 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, 205, 139 by changing the saturation by 10% instead.

 107, 205, 139

255, 255, 255


 160, 255, 185

 188, 255, 188


 216, 255, 216


 245, 255, 245

 107, 205, 139

 81, 177, 113

 56, 151, 88

 30, 125, 63

 0, 100, 33

 0, 76, 34

 0, 53, 39

 0, 33, 33

 0, 0, 0

 107, 205, 139

 107, 205, 139

■ 86, 205, 125

■ 127, 205, 152

■ 66, 205, 111

■ 148, 205, 167

■ 45, 205, 97

■ 169, 205, 181

■ 25, 205, 84

■ 189, 205, 194

■ 4, 205, 69

■ 206, 205, 210

■ 0, 205, 67

■ 213, 205, 230

■ 220, 205, 251

■ 227, 205, 255

■ 233, 205, 255

Harmonies

Analogous

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



135, 222, 94



107, 205, 139



112, 190, 214

Triad

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



107, 205, 139



0, 115, 255



255, 153, 195

Complementary

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



107, 205, 139



139, 107, 205

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.



254, 163, 242



107, 205, 139



111, 165, 255

Square

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



107, 205, 139



0, 114, 241



197, 181, 255



255, 159, 147

Rectangle

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



107, 205, 139



49, 145, 217



197, 181, 255



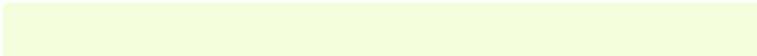
255, 155, 211

Sweetspot

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



107, 205, 139



219, 255, 231



205, 152, 107



106, 128, 114



0, 0, 0



128, 128, 128

Same Dimension

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



107, 205, 139



110, 255, 157



107, 205, 187



92, 102, 95



0, 166, 54



0, 38, 12

Inverse Universe

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



139, 107, 205



157, 110, 255



187, 107, 205



95, 92, 102



54, 0, 166



12, 0, 38

Previews

White Background



This preview shows how the RYB color 107, 205, 139 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, 205, 139 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](#).

R Y B 107, 205, 139 Background



This preview shows how black text looks on a background with the RYB color 107, 205, 139.

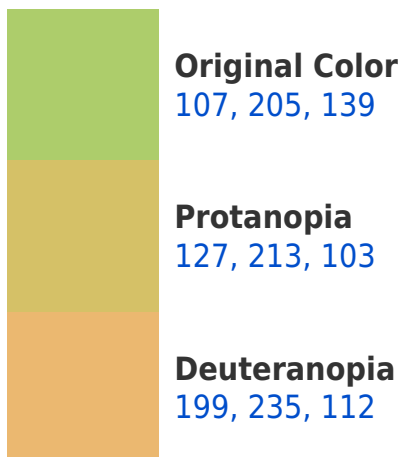


This preview shows how white text looks on a background with the RYB color 107, 205, 139.

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
186, 192, 209

Trichromacy



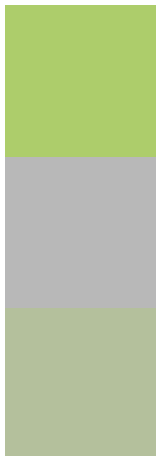
Original Color
107, 205, 139

Protanomaly
105, 198, 104

Deuteranomaly
135, 212, 110

Tritanomaly
172, 198, 189

Monochromacy



Original Color
107, 205, 139

Achromatopsia
184, 184, 184

Achromatomaly
156, 192, 168

CSS Examples

Text

The CSS property to change the color of the text to RYB 107, 205, 139 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(173, 205, 107)` looks like.

```
.text, #text, p{  
    color:rgb(173, 205, 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(173, 205, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 205, 107) }
```

Border

The CSS property to change the border of an element to RYB 107, 205, 139 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(173, 205, 107) }
```

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

```
.border{ border-color:rgb(173, 205, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 205, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 205, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 205, 107);  
box-shadow:4px 4px 4px 4px rgb(173, 205,  
107) }
```

Background

The CSS property to change the background color of an element to RYB 107, 205, 139 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 205, 107) }
```

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

```
.background{ background-color: rgb(173,  
205, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor