

Converting Colors

`RYB(103, 219, 149)`

Have a look what the booklet for
RYB(103, 219, 149) contains.

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Color

R_YB(103, 219, 149)

Conversions

Conversions Part 1

Format	Color
Hex	ADDB67
RGB	173, 219, 103
RGB Percent	68%, 86%, 40%
CMY	0.3216, 0.1412, 0.5961
CMYK	0.21, 0.00, 0.53, 0.14
HSL	84°, 62%, 63%
HSV	84°, 53%, 86%
XYZ	45.0133, 60.5265, 22.1423
YIQ	192.0220, 9.8200, -45.8280

Conversions

Conversions Part 2

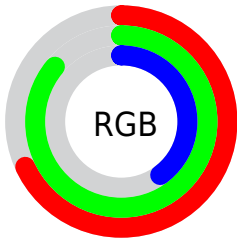
Format	Color
RYB	103, 219, 149
Decimal	11393895
CIELab	82.12, -33.21, 51.57
CIELCh	82, 61.336, 122.782
Yxy	60.5265, 0.3525, 0.4740
Android (android.graphics.Color)	4289583975 (0xFFADDB67)
YUV	192.0220, -43.8878, -16.6823
Hunter-Lab	77.7988, -32.8704, 37.5846

Details

The RYB color **103, 219, 149** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **149, 103, 219**, and the grayscale version is **192, 192, 192**.

A 20% lighter version of the original color is **157, 255, 182**, and **50, 164, 96** is the 20% darker color. If you saturate the color by 10%, you get **81, 219, 136**, and if you desaturate by 10%, it is **125, 219, 162**.

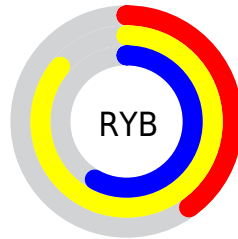
Distribution



Red (68%)

Green (86%)

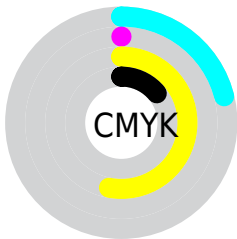
Blue (40%)



Red (40%)

Yellow (86%)

Blue (58%)

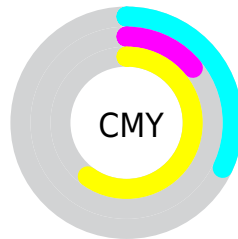


Cyan (21%)

Magenta (0%)

Yellow (53%)

Black (14%)



Cyan (32%)

Magenta (14%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the RYB color 103, 219, 149 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 103, 219, 149 by changing the saturation by 10% instead.

 103, 219, 149

255, 255, 255


 157, 255, 182


 185, 255, 185


 213, 255, 213


 242, 255, 242


 103, 219, 149


 77, 191, 123

 50, 164, 96


 21, 137, 67

 0, 112, 48

 0, 87, 49

 0, 63, 60

 0, 41, 41

 0, 14, 14

 0, 0, 0

■ 103, 219, 149

■ 103, 219, 149

■ 81, 219, 136

■ 125, 219, 162

■ 59, 219, 122

■ 147, 219, 176

■ 37, 219, 109

■ 169, 219, 189

■ 15, 219, 96

■ 191, 219, 202

■ 0, 219, 87

■ 212, 219, 215

■ 225, 219, 234

■ 234, 219, 255

■ 242, 219, 255

■ 251, 219, 255

Harmonies

Analogous

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



120, 232, 84



103, 219, 149



94, 190, 229

Triad

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



103, 219, 149



0, 119, 255



255, 154, 201

Complementary

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



103, 219, 149



149, 103, 219

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.



255, 165, 255



103, 219, 149



106, 167, 255

Square

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



103, 219, 149



0, 121, 255



215, 187, 255



255, 165, 145

Rectangle

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



103, 219, 149



0, 128, 232



215, 187, 255



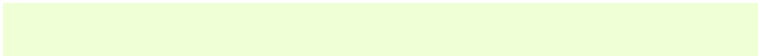
255, 156, 221

Sweetspot

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



103, 219, 149



214, 255, 230



219, 174, 103



103, 128, 113



0, 0, 0



128, 128, 128

Same Dimension

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



103, 219, 149



92, 255, 157



103, 219, 205



99, 110, 104



0, 173, 68



0, 46, 18

Inverse Universe

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



149, 103, 219



157, 92, 255



205, 103, 219



103, 99, 110



69, 0, 173



18, 0, 46

Previews

White Background



This preview shows how the RYB color 103, 219, 149 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 103, 219, 149 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 103, 219, 149 Background



This preview shows how black text looks on a background with the RYB color 103, 219, 149.

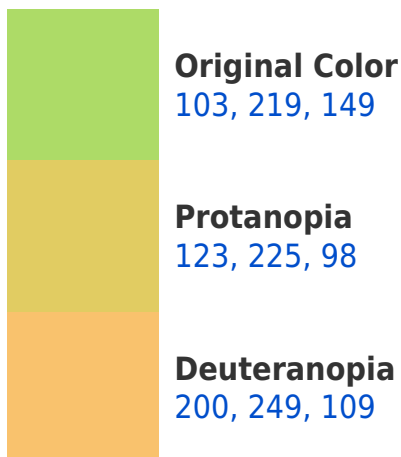


This preview shows how white text looks on a background with the RYB color 103, 219, 149.

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
189, 200, 223

Trichromacy



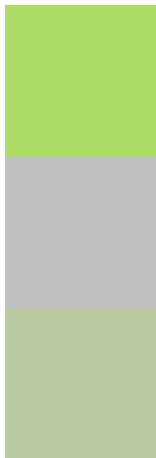
Original Color
103, 219, 149

Protanomaly
100, 209, 103

Deuteranomaly
128, 221, 107

Tritanomaly
179, 211, 207

Monochromacy



Original Color
103, 219, 149

Achromatopsia
192, 192, 192

Achromatomaly
160, 202, 177

CSS Examples

Text

The CSS property to change the color of the text to RYB 103, 219, 149 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, 219, 103)` looks like.

```
.text, #text, p{  
    color:rgb(173, 219, 103)  
}
```

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, 219, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 219, 103) }
```

Border

The CSS property to change the border of an element to RYB 103, 219, 149 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, 219, 103) }
```

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

```
.border{ border-color:rgb(173, 219, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 219, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 219, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 219, 103);  
box-shadow:4px 4px 4px 4px rgb(173, 219,  
103) }
```

Background

The CSS property to change the background color of an element to RYB 103, 219, 149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 219, 103) }
```

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

```
.background{ background-color: rgb(173,  
219, 103) }
```

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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