

Converting Colors

`RYB(105, 209, 139)`

Have a look what the booklet for
RYB(105, 209, 139) contains.

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Color

R_YB(105, 209, 139)

Conversions

Conversions Part 1

Format	Color
Hex	AFD169
RGB	175, 209, 105
RGB Percent	69%, 82%, 41%
CMY	0.3137, 0.1804, 0.5882
CMYK	0.16, 0.00, 0.50, 0.18
HSL	80°, 53%, 62%
HSV	80°, 50%, 82%
XYZ	43.0295, 55.7348, 21.8546
YIQ	186.9780, 13.1200, -39.5520

Conversions

Conversions Part 2

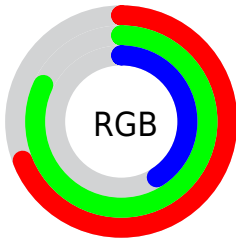
Format	Color
RYB	105, 209, 139
Decimal	11522409
CIELab	79.46, -27.55, 47.49
CIELCh	79, 54.904, 120.121
Yxy	55.7348, 0.3567, 0.4621
Android (android.graphics.Color)	4289712489 (0xFFAFD169)
YUV	186.9780, -40.4152, -10.5047
Hunter-Lab	74.6557, -27.7652, 34.9026

Details

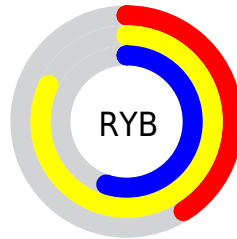
The RYB color **105, 209, 139** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **139, 105, 209**, and the grayscale version is **187, 187, 187**.

A 20% lighter version of the original color is **158, 255, 181**, and **53, 154, 87** is the 20% darker color. If you saturate the color by 10%, you get **84, 209, 125**, and if you desaturate by 10%, it is **126, 209, 153**.

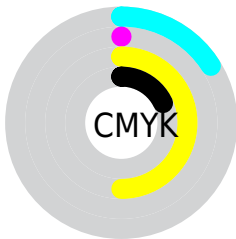
Distribution



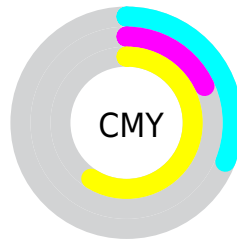
- Red (69%)
- Green (82%)
- Blue (41%)



- Red (41%)
- Yellow (82%)
- Blue (55%)



- Cyan (16%)
- Magenta (0%)
- Yellow (50%)
- Black (18%)



- Cyan (31%)
- Magenta (18%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the RYB color 105, 209, 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 105, 209, 139 by changing the saturation by 10% instead.

 105, 209, 139

255, 255, 255


 158, 255, 181

 186, 255, 186

 214, 255, 214


 243, 255, 243

 105, 209, 139

 79, 181, 113

 53, 154, 87

 26, 128, 60

 0, 103, 35

 0, 79, 36

 0, 56, 42

 0, 35, 35

 0, 0, 0

 105, 209, 139

 105, 209, 139

■ 84, 209, 125

■ 126, 209, 153

■ 63, 209, 111

■ 147, 209, 167

■ 42, 209, 96

■ 168, 209, 182

■ 21, 209, 82

■ 189, 209, 196

■ 1, 209, 69

■ 209, 209, 210

■ 0, 209, 68

■ 216, 209, 230

■ 223, 209, 251

■ 230, 209, 255

■ 236, 209, 255

Harmonies

Analogous

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



135, 227, 91



105, 209, 139



110, 193, 219

Triad

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



105, 209, 139



0, 117, 255



255, 154, 199

Complementary

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



105, 209, 139



139, 105, 209

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, 164, 249



105, 209, 139



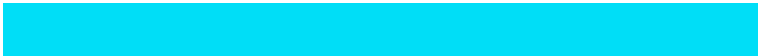
106, 164, 255

Square

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



105, 209, 139



0, 117, 247



201, 183, 255



255, 160, 148

Rectangle

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



105, 209, 139



32, 139, 222



201, 183, 255



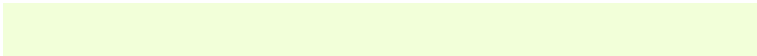
255, 156, 216

Sweetspot

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



105, 209, 139



217, 255, 230



209, 153, 105



105, 128, 113



0, 0, 0



128, 128, 128

Same Dimension

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



105, 209, 139



102, 255, 152



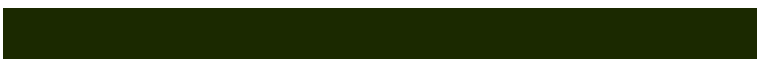
105, 209, 190



94, 105, 98



0, 168, 55



0, 41, 14

Inverse Universe

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



139, 105, 209



152, 102, 255



190, 105, 209



98, 94, 105



55, 0, 168



13, 0, 41

Previews

White Background



This preview shows how the RYB color 105, 209, 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 105, 209, 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](#).

RYB 105, 209, 139 Background



This preview shows how black text looks on a background with the RYB color 105, 209, 139.

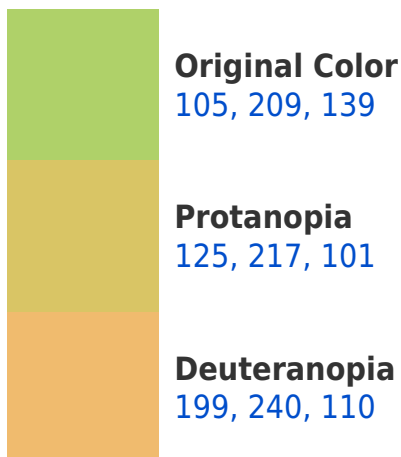


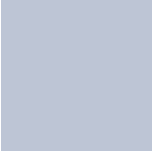
This preview shows how white text looks on a background with the RYB color 105, 209, 139.

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
189, 195, 213

Trichromacy



Original Color
105, 209, 139

Protanomaly
103, 202, 102

Deuteranomaly
134, 216, 108

Tritanomaly
174, 201, 191

Monochromacy



Original Color
105, 209, 139

Achromatopsia
187, 187, 187

Achromatomaly
157, 195, 169

CSS Examples

Text

The CSS property to change the color of the text to RYB 105, 209, 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(175, 209, 105)` looks like.

```
.text, #text, p{  
    color:rgb(175, 209, 105)  
}
```

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(175, 209, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 209, 105) }
```

Border

The CSS property to change the border of an element to RYB 105, 209, 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(175, 209, 105) }
```

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

```
.border{ border-color:rgb(175, 209, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 209, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 209, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 209, 105);  
box-shadow:4px 4px 4px 4px rgb(175, 209,  
105) }
```

Background

The CSS property to change the background color of an element to RYB 105, 209, 139 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 209, 105) }
```

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

```
.background{ background-color: rgb(175,  
209, 105) }
```

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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