

Converting Colors

`RYB(79, 227, 141)`

Have a look what the booklet for
RYB(79, 227, 141) contains.

RYB(79, 227, 141)	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(79, 227, 141)

Conversions

Conversions Part 1

Format	Color
Hex	A5E34F
RGB	165, 227, 79
RGB Percent	65%, 89%, 31%
CMY	0.3529, 0.1098, 0.6902
CMYK	0.27, 0.00, 0.65, 0.11
HSL	85°, 73%, 60%
HSV	85°, 65%, 89%
XYZ	44.3974, 63.5020, 17.3143
YIQ	191.5900, 10.5560, -59.1720

Conversions

Conversions Part 2

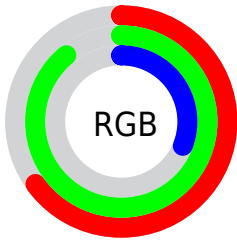
Format	Color
R_{YB}	79, 227, 141
Decimal	10871631
CIE Lab	83.71, -41.82, 63.55
CIE LCh	84, 76.076, 123.344
Yxy	63.5020, 0.3546, 0.5071
Android (android.graphics.Color)	4289061711 (0xFFA5E34F)
YUV	191.5900, -55.5069, -23.3194
Hunter-Lab	79.6882, -40.0049, 42.8995

Details

The RYB color **79, 227, 141** is a light color, and the websafe version is hex **99CC33**. The color can be described as light muted chartreuse. A complement of this color would be **141, 79, 227**, and the grayscale version is **192, 192, 192**.

A 20% lighter version of the original color is **134, 255, 166**, and **11, 171, 74** is the 20% darker color. If you saturate the color by 10%, you get **56, 227, 128**, and if you desaturate by 10%, it is **102, 227, 154**.

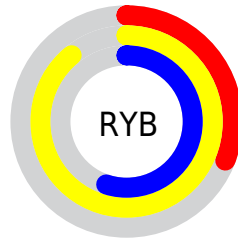
Distribution



Red (65%)

Green (89%)

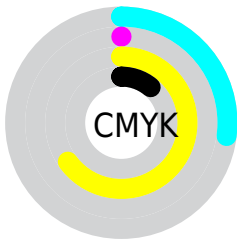
Blue (31%)



Red (31%)

Yellow (89%)

Blue (55%)

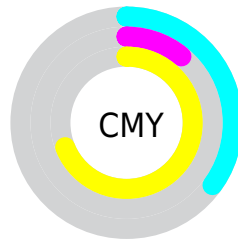


Cyan (27%)

Magenta (0%)

Yellow (65%)

Black (11%)



Cyan (35%)

Magenta (11%)

Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the RYB color 79, 227, 141 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 79, 227, 141 by changing the saturation by 10% instead.

 79, 227, 141

255, 255, 255

 134, 255, 166


 162, 255, 164


 191, 255, 191


 220, 255, 220


 249, 255, 249

 79, 227, 141

 50, 199, 112

 11, 171, 74

 0, 144, 64

 0, 118, 67

 0, 93, 76

 0, 69, 69

 0, 46, 46

 0, 21, 21

 0, 0, 0

■ 79, 227, 141

■ 79, 227, 141

■ 56, 227, 128

■ 102, 227, 154

■ 34, 227, 115

■ 124, 227, 167

■ 11, 227, 102

■ 147, 227, 180

■ 0, 227, 95

■ 170, 227, 194

■ 193, 227, 207

■ 215, 227, 220

■ 232, 227, 238

■ 241, 227, 255

■ 251, 227, 255

Harmonies

Analogous

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



86, 239, 49



79, 227, 141



30, 166, 238

Triad

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



79, 227, 141



0, 122, 255



255, 141, 204

Complementary

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



79, 227, 141



141, 79, 227

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, 156, 255



79, 227, 141



21, 127, 255

Square

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



79, 227, 141



0, 124, 255



221, 186, 255



255, 157, 134

Rectangle

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



79, 227, 141



0, 136, 242



221, 186, 255



255, 143, 228

Sweetspot

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



79, 227, 141



204, 255, 225



227, 186, 79



97, 128, 110



0, 0, 0



128, 128, 128

Same Dimension

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



79, 227, 141



56, 255, 139



79, 227, 215



103, 115, 108



0, 179, 75



0, 51, 21

Inverse Universe

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



141, 79, 227



139, 56, 255



215, 79, 227



108, 103, 115



75, 0, 179



21, 0, 51

Previews

White Background



This preview shows how the RYB color 79, 227, 141 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 79, 227, 141 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 79, 227, 141 Background



This preview shows how black text looks on a background with the RYB color 79, 227, 141.

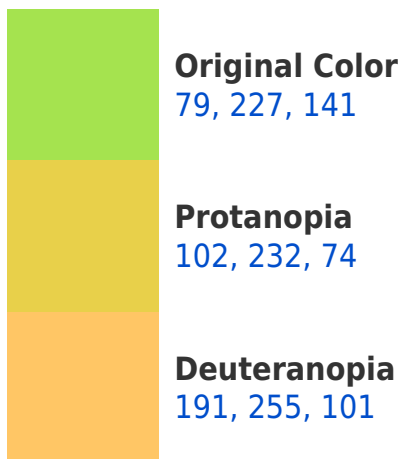


This preview shows how white text looks on a background with the RYB color 79, 227, 141.

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
184, 201, 229

Trichromacy



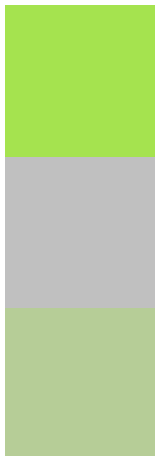
Original Color
79, 227, 141

Protanomaly
76, 215, 83

Deuteranomaly
107, 222, 93

Tritanomaly
174, 217, 214

Monochromacy



Original Color
79, 227, 141

Achromatopsia
192, 192, 192

Achromatomaly
151, 205, 174

CSS Examples

Text

The CSS property to change the color of the text to RYB 79, 227, 141 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(165, 227, 79)` looks like.

```
.text, #text, p{  
    color:rgb(165, 227, 79)  
}
```

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(165, 227, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 227, 79) }
```

Border

The CSS property to change the border of an element to RYB 79, 227, 141 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(165, 227, 79) }
```

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

```
.border{ border-color:rgb(165, 227, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 227, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 227, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 227, 79);  
box-shadow:4px 4px 4px 4px rgb(165, 227,  
79) }
```

Background

The CSS property to change the background color of an element to RGB 79, 227, 141 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 227, 79) }
```

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

```
.background{ background-color: rgb(165,  
227, 79) }
```

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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