

Converting Colors

`RYB(130, 243, 147)`

Have a look what the booklet for
RYB(130, 243, 147) contains.

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Color

R_YB(130, 243, 147)

Conversions

Conversions Part 1

Format	Color
Hex	E2F382
RGB	226, 243, 130
RGB Percent	89%, 95%, 51%
CMY	0.1137, 0.0471, 0.4902
CMYK	0.07, 0.00, 0.47, 0.05
HSL	69°, 82%, 73%
HSV	69°, 47%, 95%
XYZ	67.4439, 81.8816, 33.3692
YIQ	225.0350, 26.1410, -38.7470

Conversions

Conversions Part 2

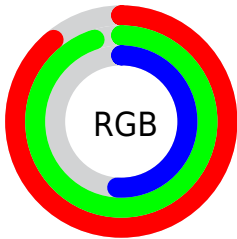
Format	Color
R _Y B	130, 243, 147
Decimal	14873474
CIE Lab	92.52, -21.80, 52.27
CIE LCh	93, 56.630, 112.642
Yxy	81.8816, 0.3692, 0.4482
Android (android.graphics.Color)	4293063554 (0xFFE2F382)
YUV	225.0350, -46.8523, 0.8463
Hunter-Lab	90.4885, -25.3132, 41.4777

Details

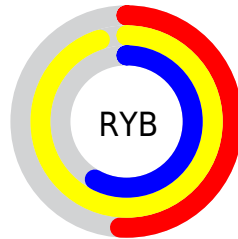
The RYB color **130, 243, 147** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **147, 130, 243**, and the grayscale version is **225, 225, 225**.

A 20% lighter version of the original color is **185, 255, 185**, and **77, 187, 95** is the 20% darker color. If you saturate the color by 10%, you get **106, 243, 127**, and if you desaturate by 10%, it is **154, 243, 167**.

Distribution



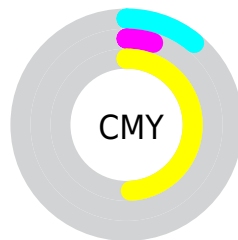
- Red (89%)
- Green (95%)
- Blue (51%)



- Red (51%)
- Yellow (95%)
- Blue (58%)



- Cyan (7%)
- Magenta (0%)
- Yellow (47%)
- Black (5%)



- Cyan (11%)
- Magenta (5%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the RYB color 130, 243, 147 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 130, 243, 147 by changing the saturation by 10% instead.

 130, 243, 147

255, 255, 255

 185, 255, 185


 213, 255, 213


 242, 255, 242

 130, 243, 147


 103, 215, 121

 77, 187, 95


 51, 160, 70


 21, 134, 41

 0, 108, 21

 0, 84, 22

 0, 61, 25

 0, 39, 30

 0, 16, 16

130, 243, 147

130, 243, 147

106, 243, 127

154, 243, 167

81, 243, 105

179, 243, 189

57, 243, 85

203, 243, 209

33, 243, 65

227, 243, 229

9, 243, 44

244, 243, 251

0, 243, 37

248, 243, 255

252, 243, 255

255, 243, 255

Harmonies

Analogous

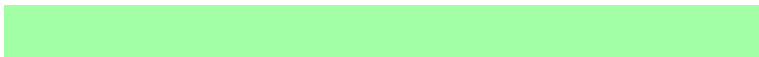
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



161, 255, 124



130, 243, 147



162, 252, 255

Triad

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



130, 243, 147



0, 128, 255



255, 190, 249

Complementary

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



130, 243, 147



147, 130, 243

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, 204, 255



130, 243, 147



115, 182, 255

Square

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



130, 243, 147



0, 128, 255



218, 223, 255



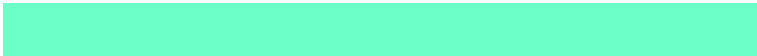
255, 192, 194

Rectangle

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



130, 243, 147



109, 199, 255



218, 223, 255



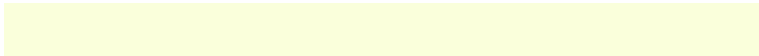
255, 194, 255

Sweetspot

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



130, 243, 147



219, 255, 224



243, 150, 130



106, 128, 110



0, 0, 0



128, 128, 128

Same Dimension

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



130, 243, 147



112, 255, 133



130, 243, 203



110, 122, 111



0, 186, 28



0, 59, 9

Inverse Universe

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



147, 130, 243



134, 112, 255



203, 130, 243



112, 110, 122



28, 0, 186



9, 0, 59

Previews

White Background



This preview shows how the RYB color 130, 243, 147 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 130, 243, 147 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 130, 243, 147 Background



This preview shows how black text looks on a background with the RYB color 130, 243, 147.


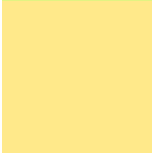
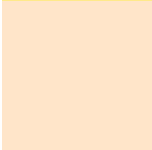


This preview shows how white text looks on a background with the RYB color 130, 243, 147.

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

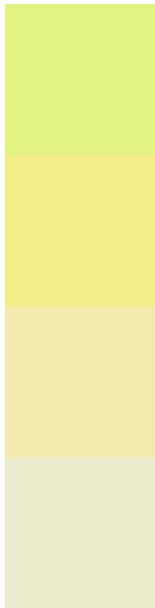
	Original Color 130, 243, 147
	Protanopia 165, 255, 138
	Deuteranopia 251, 255, 201



Tritanopia

240, 230, 248

Trichromacy



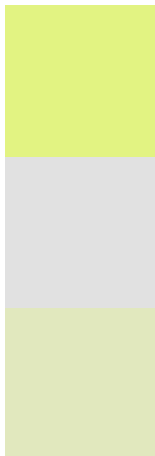
Original Color
130, 243, 147

Protanomaly
142, 244, 135

Deuteranomaly
187, 244, 175

Tritanomaly
205, 235, 205

Monochromacy



Original Color
130, 243, 147

Achromatopsia
225, 225, 225

Achromatomaly
190, 232, 197

CSS Examples

Text

The CSS property to change the color of the text to RYB 130, 243, 147 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(226, 243, 130)` looks like.

```
.text, #text, p{  
    color:rgb(226, 243, 130)  
}
```

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(226, 243, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 243, 130) }
```

Border

The CSS property to change the border of an element to RYB 130, 243, 147 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(226, 243, 130) }
```

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

```
.border{ border-color:rgb(226, 243, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 243, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 243, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 243, 130);  
box-shadow:4px 4px 4px 4px rgb(226, 243,  
130) }
```

Background

The CSS property to change the background color of an element to RYB 130, 243, 147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 243, 130) }
```

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

```
.background{ background-color: rgb(226,  
243, 130) }
```

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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