

Converting Colors

`RYB(122, 247, 141)`

Have a look what the booklet for
RYB(122, 247, 141) contains.

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Color

R_YB(122, 247, 141)

Conversions

Conversions Part 1

Format	Color
Hex	E4F77A
RGB	228, 247, 122
RGB Percent	89%, 97%, 48%
CMY	0.1059, 0.0314, 0.5216
CMYK	0.08, 0.00, 0.51, 0.03
HSL	69°, 89%, 72%
HSV	69°, 51%, 97%
XYZ	68.7685, 84.4206, 31.0827
YIQ	227.0690, 28.8010, -42.9030

Conversions

Conversions Part 2

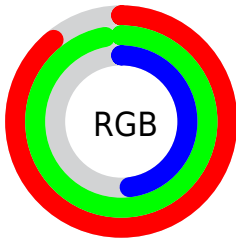
Format	Color
R _Y B	122, 247, 141
Decimal	15005562
CIE Lab	93.63, -23.69, 57.33
CIE LCh	94, 62.033, 112.447
Yxy	84.4206, 0.3732, 0.4581
Android (android.graphics.Color)	4293195642 (0xFFE4F77A)
YUV	227.0690, -51.7990, 0.8165
Hunter-Lab	91.8807, -27.1921, 44.2591

Details

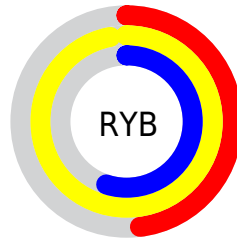
The RYB color **122, 247, 141** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **141, 122, 247**, and the grayscale version is **228, 228, 228**.

A 20% lighter version of the original color is **177, 255, 177**, and **68, 191, 89** is the 20% darker color. If you saturate the color by 10%, you get **97, 247, 120**, and if you desaturate by 10%, it is **147, 247, 162**.

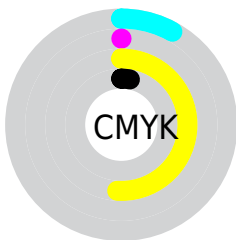
Distribution



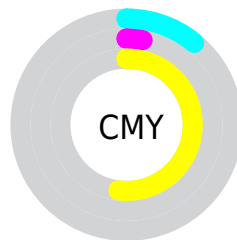
- Red (89%)
- Green (97%)
- Blue (48%)



- Red (48%)
- Yellow (97%)
- Blue (55%)



- Cyan (8%)
- Magenta (0%)
- Yellow (51%)
- Black (3%)



- Cyan (11%)
- Magenta (3%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the RYB color 122, 247, 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 122, 247, 141 by changing the saturation by 10% instead.

 122, 247, 141

255, 255, 255

 177, 255, 177


 205, 255, 205


 234, 255, 234


 122, 247, 141


 95, 219, 115

 68, 191, 89

 40, 164, 62

 1, 137, 23

 0, 112, 24

 0, 87, 24

 0, 64, 29

 0, 42, 35

 0, 21, 21


 122, 247, 141

 122, 247, 141

 97, 247, 120

 147, 247, 162


 73, 247, 100

 171, 247, 182

 48, 247, 78


 196, 247, 204

 23, 247, 57

 221, 247, 225

 0, 247, 38

 246, 247, 246

 251, 247, 255

 254, 247, 255

 255, 247, 255

Harmonies

Analogous

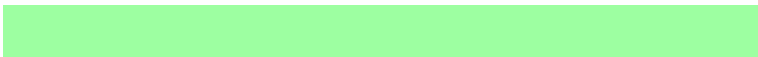
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



150, 255, 116



122, 247, 141



157, 251, 255

Triad

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



122, 247, 141



0, 128, 255



255, 188, 254

Complementary

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



122, 247, 141



141, 122, 247

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



122, 247, 141



90, 171, 255

Square

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



122, 247, 141



0, 128, 255



218, 225, 255



255, 190, 194

Rectangle

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



122, 247, 141



92, 190, 255



218, 225, 255



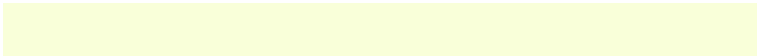
255, 192, 255

Sweetspot

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



122, 247, 141



217, 255, 223



247, 144, 122



105, 128, 109



0, 0, 0



128, 128, 128

Same Dimension

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



122, 247, 141



99, 255, 123



122, 247, 203



110, 122, 111



0, 186, 28



0, 59, 9

Inverse Universe

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



141, 122, 247



123, 99, 255



203, 122, 247



112, 110, 122



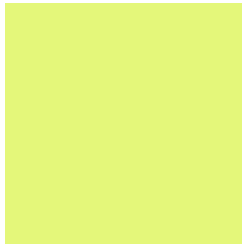
28, 0, 186



9, 0, 59

Previews

White Background



This preview shows how the RYB color 122, 247, 141 looks on a white background.

Color Contrast Check

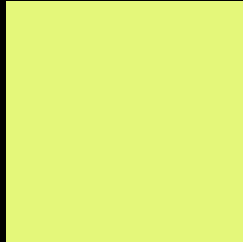
Large Text (above 18pt) WCAG AA × Fail

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 122, 247, 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 122, 247, 141 Background



This preview shows how black text looks on a background with the RYB color 122, 247, 141.



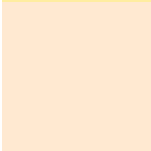


This preview shows how white text looks on a background with the RYB color 122, 247, 141.

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

	Original Color 122, 247, 141
	Protanopia 182, 255, 160
	Deuteranopia 251, 255, 209



Tritanopia

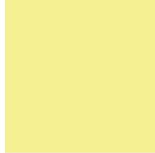
243, 233, 251

Trichromacy



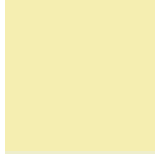
Original Color

122, 247, 141



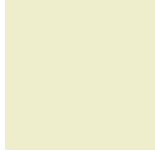
Protanomaly

150, 245, 146



Deuteranomaly

185, 245, 177



Tritanomaly

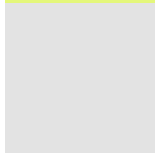
204, 238, 204

Monochromacy



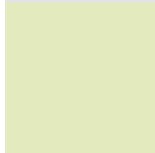
Original Color

122, 247, 141



Achromatopsia

227, 227, 227



Achromatomaly

189, 234, 196

CSS Examples

Text

The CSS property to change the color of the text to RGB 122, 247, 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(228, 247, 122)` looks like.

```
.text, #text, p{  
    color:rgb(228, 247, 122)  
}
```

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(228, 247, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 247, 122) }
```

Border

The CSS property to change the border of an element to RYB 122, 247, 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(228, 247, 122) }
```

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

```
.border{ border-color:rgb(228, 247, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 247, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 247, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 247, 122);  
box-shadow:4px 4px 4px 4px rgb(228, 247,  
122) }
```

Background

The CSS property to change the background color of an element to RYB 122, 247, 141 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 247, 122) }
```

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

```
.background{ background-color: rgb(228,  
247, 122) }
```

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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