

Converting Colors

`RYB(147, 255, 122)`

Have a look what the booklet for
RYB(147, 255, 122) contains.

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Color

R_YB(147, 255, 122)

Conversions

Conversions Part 1

Format	Color
Hex	FFEA7A
RGB	255, 234, 122
RGB Percent	100%, 92%, 48%
CMY	0.0000, 0.0825, 0.5216
CMYK	0.00, 0.08, 0.52, 0.00
HSL	51°, 100%, 74%
HSV	51°, 52%, 100%
XYZ	74.1631, 81.4856, 30.2318
YIQ	227.5110, 48.4680, -30.3800

Conversions

Conversions Part 2

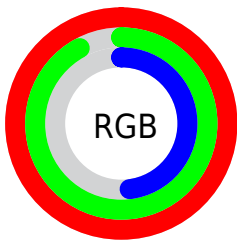
Format	Color
RYB	147, 255, 122
Decimal	16771706
CIELab	92.35, -6.70, 56.33
CIELCh	92, 56.727, 96.785
Yxy	81.4856, 0.3990, 0.4384
Android (android.graphics.Color)	4294961786 (0xFFFFEA7A)
YUV	227.5110, -52.0169, 24.1079
Hunter-Lab	90.2693, -11.3202, 43.3319

Details

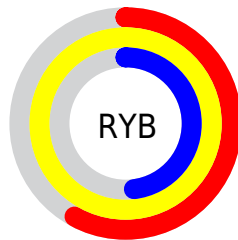
The RYB color **147, 255, 122** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **122, 140, 255**, and the grayscale version is **228, 228, 228**.

A 20% lighter version of the original color is **177, 255, 177**, and **89, 196, 69** is the 20% darker color. If you saturate the color by 10%, you get **127, 255, 97**, and if you desaturate by 10%, it is **168, 255, 148**.

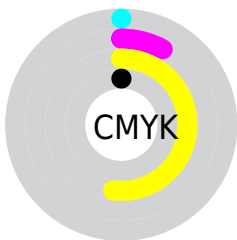
Distribution



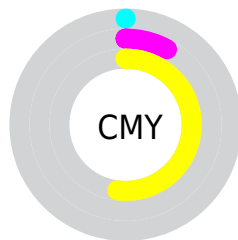
- Red (100%)
- Green (92%)
- Blue (48%)



- Red (58%)
- Yellow (100%)
- Blue (48%)



- Cyan (0%)
- Magenta (8%)
- Yellow (52%)
- Black (0%)



- Cyan (0%)
- Magenta (8%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the RYB color 147, 255, 122 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 147, 255, 122 by changing the saturation by 10% instead.

 147, 255, 122

255, 255, 255


 177, 255, 177


 205, 255, 205


 234, 255, 234


 147, 255, 122

 117, 225, 95

 90, 196, 69

 59, 167, 42


 20, 139, 6

 11, 111, 0

 8, 85, 0

 3, 58, 0

 0, 34, 1

 0, 13, 13

■ 147, 255, 122

■ 147, 255, 122

■ 127, 255, 97

■ 168, 255, 148

■ 105, 255, 71

■ 188, 255, 173

■ 85, 255, 46

■ 210, 255, 199

■ 64, 255, 20

■ 230, 255, 224

■ 47, 255, 0

■ 251, 255, 250

255, 255, 255

Harmonies

Analogous

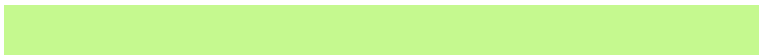
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



193, 255, 133



147, 255, 122



143, 249, 195

Triad

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



147, 255, 122



0, 128, 255



255, 196, 255

Complementary

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



147, 255, 122



122, 140, 255

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, 214, 255



147, 255, 122



0, 126, 255

Square

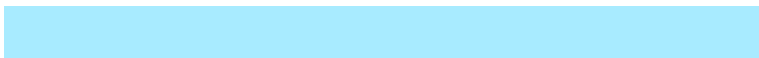
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



147, 255, 122



0, 130, 255



168, 206, 255



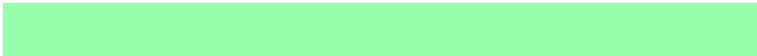
255, 188, 223

Rectangle

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



147, 255, 122



151, 238, 255



168, 206, 255



255, 201, 255

Sweetspot

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



147, 255, 122



221, 255, 214



255, 122, 144



108, 128, 103



0, 0, 0



128, 128, 128

Same Dimension

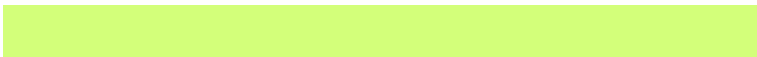
The Same Dimension uses a secret algorithm to generate beautiful new colors.



147, 255, 122



124, 255, 94



122, 255, 166



119, 128, 115



36, 191, 0



12, 64, 0

Inverse Universe

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



122, 140, 255



94, 116, 255



166, 122, 255



115, 117, 128



0, 26, 191



0, 9, 64

Previews

White Background



This preview shows how the RYB color 147, 255, 122 looks on a white background.

Color Contrast Check

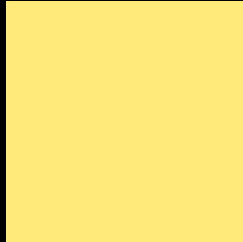
Large Text (above 18pt) WCAG AA × Fail

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 147, 255, 122 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](#).

RYP 147, 255, 122 Background



This preview shows how black text looks on a background with the RYP color 147, 255, 122.

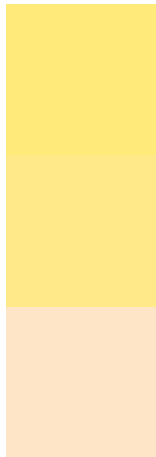


This preview shows how white text looks on a background with the RYP color 147, 255, 122.

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
147, 255, 122

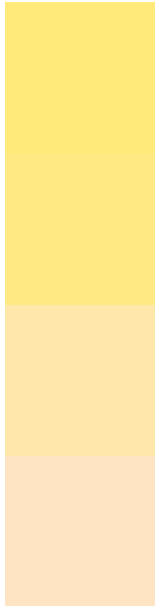
Protanopia
163, 255, 136

Deuteranopia
248, 255, 199



Tritanopia
255, 225, 236

Trichromacy



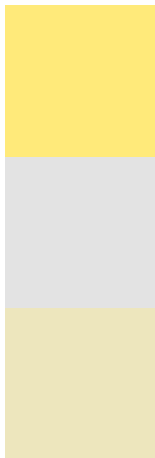
Original Color
147, 255, 122

Protanomaly
158, 255, 131

Deuteranomaly
205, 255, 171

Tritanomaly
244, 255, 195

Monochromacy



Original Color
147, 255, 122

Achromatopsia
227, 227, 227

Achromatomaly
197, 237, 189

CSS Examples

Text

The CSS property to change the color of the text to RGB 147, 255, 122 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(255, 234, 122) looks like.

```
.text, #text, p{  
    color:rgb(255, 234, 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(255, 234, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 234, 122) }
```

Border

The CSS property to change the border of an element to RYB 147, 255, 122 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(255, 234, 122) }
```

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

```
.border{ border-color:rgb(255, 234, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 234, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 234, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 234, 122);  
box-shadow:4px 4px 4px 4px rgb(255, 234,  
122) }
```

Background

The CSS property to change the background color of an element to RYB 147, 255, 122 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 234, 122) }
```

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

```
.background{ background-color: rgb(255,  
234, 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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