

Converting Colors

`RYB(127, 237, 124)`

Have a look what the booklet for
RYB(127, 237, 124) contains.

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Color

R_YB(127, 237, 124)

Conversions

Conversions Part 1

Format	Color
Hex	EDEA7C
RGB	237, 234, 124
RGB Percent	93%, 92%, 49%
CMY	0.0706, 0.0820, 0.5137
CMYK	0.00, 0.01, 0.48, 0.07
HSL	58°, 76%, 71%
HSV	58°, 48%, 93%
XYZ	68.0081, 78.3496, 30.6074
YIQ	222.3570, 37.0980, -33.5740

Conversions

Conversions Part 2

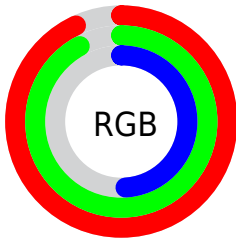
Format	Color
RYB	127, 237, 124
Decimal	15592060
CIELab	90.94, -13.74, 53.36
CIELCh	91, 55.103, 104.434
Yxy	78.3496, 0.3843, 0.4427
Android (android.graphics.Color)	4293782140 (0xFFFEDEA7C)
YUV	222.3570, -48.4900, 12.8419
Hunter-Lab	88.5153, -17.7567, 41.4591

Details

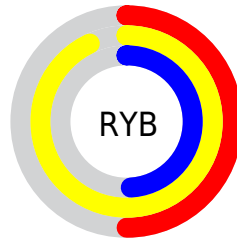
The RYB color **127, 237, 124** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **124, 127, 237**, and the grayscale version is **223, 223, 223**.

A 20% lighter version of the original color is **179, 255, 179**, and **72, 179, 71** is the 20% darker color. If you saturate the color by 10%, you get **104, 237, 100**, and if you desaturate by 10%, it is **150, 237, 148**.

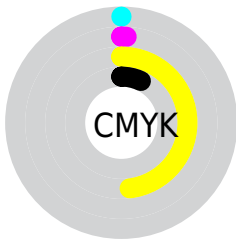
Distribution



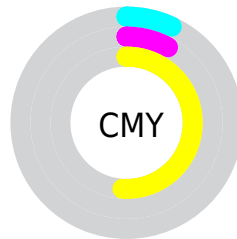
- Red (93%)
- Green (92%)
- Blue (49%)



- Red (50%)
- Yellow (93%)
- Blue (49%)



- Cyan (0%)
- Magenta (1%)
- Yellow (48%)
- Black (7%)



- Cyan (7%)
- Magenta (8%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the RYB color 127, 237, 124 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 127, 237, 124 by changing the saturation by 10% instead.

 127, 237, 124

255, 255, 255


 179, 255, 179

 207, 255, 207

 236, 255, 236

 127, 237, 124

 99, 208, 97

 71, 179, 71


 45, 152, 46

 13, 126, 16

 0, 101, 4

 0, 77, 6

 0, 55, 10

 0, 33, 13

 0, 6, 6

 127, 237, 124

 127, 237, 124

 104, 237, 100

 150, 237, 148

 81, 237, 77


 173, 237, 171

 58, 237, 53

 196, 237, 195

 34, 237, 29

 219, 237, 219

 12, 237, 6

 237, 237, 243

 6, 237, 0

 237, 238, 255

 237, 239, 255

 237, 240, 255

Harmonies

Analogous

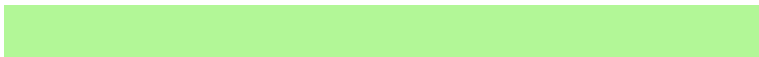
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



183, 255, 127



127, 237, 124



151, 247, 220

Triad

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



127, 237, 124



0, 127, 255



255, 190, 255

Complementary

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



127, 237, 124



124, 127, 237

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, 206, 255



127, 237, 124



78, 163, 255

Square

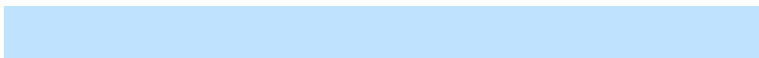
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



127, 237, 124



0, 128, 255



191, 214, 255



255, 187, 205

Rectangle

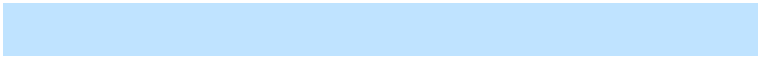
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



127, 237, 124



131, 217, 253



191, 214, 255



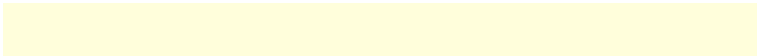
255, 194, 255

Sweetspot

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



127, 237, 124



220, 255, 219



237, 124, 128



107, 128, 106



0, 0, 0



128, 128, 128

Same Dimension

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



127, 237, 124



114, 255, 110



124, 237, 177



106, 117, 106



5, 181, 0



2, 54, 0

Inverse Universe

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



124, 127, 237



110, 113, 255



177, 124, 237



106, 106, 117



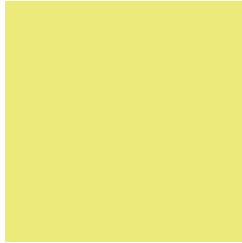
0, 5, 181



0, 1, 54

Previews

White Background



This preview shows how the RYB color 127, 237, 124 looks on a white background.

Color Contrast Check

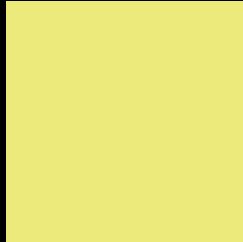
Large Text (above 18pt) WCAG AA × Fail

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 127, 237, 124 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 127, 237, 124 Background



This preview shows how black text looks on a background with the RYB color 127, 237, 124.



This preview shows how white text looks on a background with the RYB color 127, 237, 124.

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
127, 237, 124

Protanopia
150, 252, 122

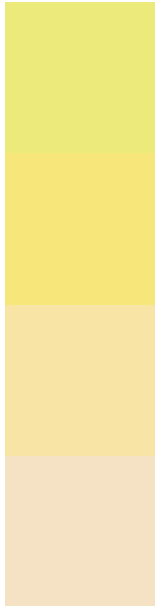
Deuteranopia
246, 255, 188



Tritanopia

249, 221, 238

Trichromacy



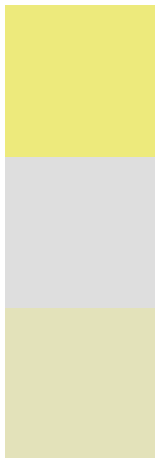
Original Color
127, 237, 124

Protanomaly
141, 247, 123

Deuteranomaly
191, 248, 165

Tritanomaly
228, 245, 197

Monochromacy



Original Color
127, 237, 124

Achromatopsia
222, 222, 222

Achromatomaly
187, 227, 186

CSS Examples

Text

The CSS property to change the color of the text to RYB 127, 237, 124 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(237, 234, 124) looks like.

```
.text, #text, p{  
    color:rgb(237, 234, 124)  
}
```

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(237, 234, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 234, 124) }
```

Border

The CSS property to change the border of an element to RYB 127, 237, 124 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(237, 234, 124) }
```

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

```
.border{ border-color:rgb(237, 234, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 234, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 234, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 234, 124);  
box-shadow:4px 4px 4px 4px rgb(237, 234,  
124) }
```

Background

The CSS property to change the background color of an element to RGB 127, 237, 124 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 234, 124) }
```

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

```
.background{ background-color: rgb(237,  
234, 124) }
```

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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