

Converting Colors

`RYB(121, 242, 124)`

Have a look what the booklet for
RYB(121, 242, 124) contains.

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Color

R_YB(121, 242, 124)

Conversions

Conversions Part 1

Format	Color
Hex	EFF279
RGB	239, 242, 121
RGB Percent	94%, 95%, 47%
CMY	0.0627, 0.0510, 0.5255
CMYK	0.01, 0.00, 0.50, 0.05
HSL	61°, 82%, 71%
HSV	61°, 50%, 95%
XYZ	70.7999, 83.2355, 30.4237
YIQ	227.3090, 37.0530, -38.2670

Conversions

Conversions Part 2

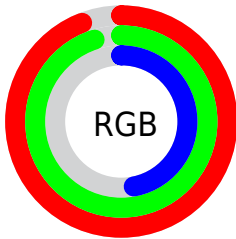
Format	Color
RYB	121, 242, 124
Decimal	15725177
CIELab	93.12, -17.09, 57.38
CIELCh	93, 59.872, 106.582
Yxy	83.2355, 0.3838, 0.4512
Android (android.graphics.Color)	4293915257 (0xFFEFF279)
YUV	227.3090, -52.4103, 10.2530
Hunter-Lab	91.2335, -21.1372, 44.0920

Details

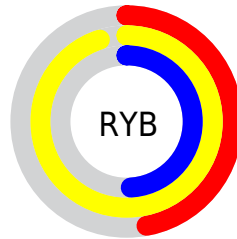
The RYB color **121, 242, 124** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **124, 121, 242**, and the grayscale version is **228, 228, 228**.

A 20% lighter version of the original color is **176, 255, 176**, and **67, 186, 72** is the 20% darker color. If you saturate the color by 10%, you get **97, 242, 101**, and if you desaturate by 10%, it is **145, 242, 147**.

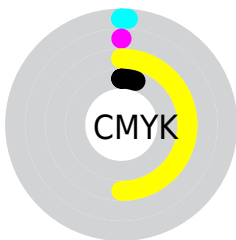
Distribution



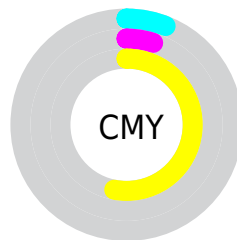
- Red (94%)
- Green (95%)
- Blue (47%)



- Red (47%)
- Yellow (95%)
- Blue (49%)



- Cyan (1%)
- Magenta (0%)
- Yellow (50%)
- Black (5%)



- Cyan (6%)
- Magenta (5%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the RYB color 121, 242, 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 121, 242, 124 by changing the saturation by 10% instead.

 121, 242, 124

 121, 242, 124


255, 255, 255

 94, 214, 98


 176, 255, 176


 67, 186, 72

 204, 255, 204

 39, 159, 45


 233, 255, 233


 1, 133, 9

 0, 108, 10

 0, 84, 12

 0, 61, 16

 0, 39, 19

 0, 19, 19

■ 121, 242, 124

■ 121, 242, 124

■ 97, 242, 101

■ 145, 242, 147

■ 73, 242, 77

■ 169, 242, 171

■ 48, 242, 53

■ 194, 242, 195

■ 24, 242, 29

■ 218, 242, 219

■ 0, 242, 6

■ 242, 242, 242

■ 243, 242, 255

■ 244, 242, 255

Harmonies

Analogous

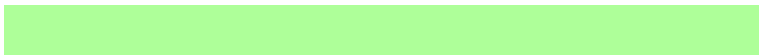
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



164, 255, 122



121, 242, 124



153, 255, 234

Triad

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



121, 242, 124



0, 128, 255



255, 191, 255

Complementary

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



121, 242, 124



124, 121, 242

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, 208, 255



121, 242, 124



62, 157, 255

Square

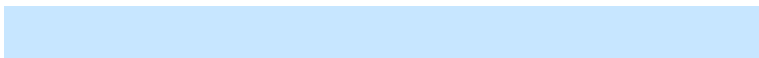
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



121, 242, 124



0, 128, 255



199, 219, 255



255, 189, 205

Rectangle

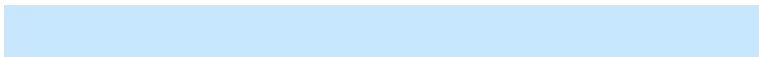
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



121, 242, 124



119, 210, 255



199, 219, 255



255, 195, 255

Sweetspot

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



121, 242, 124



217, 255, 218



242, 123, 121



105, 128, 106



0, 0, 0



128, 128, 128

Same Dimension

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



121, 242, 124



102, 255, 106



121, 242, 184



108, 120, 108



0, 184, 5



0, 56, 1

Inverse Universe

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



124, 121, 242



106, 102, 255



184, 121, 242



108, 108, 120



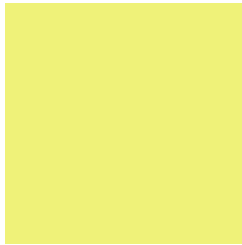
5, 0, 184



1, 0, 56

Previews

White Background



This preview shows how the RYB color 121, 242, 124 looks on a white background.

Color Contrast Check

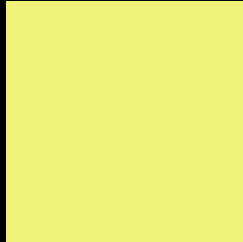
Large Text (above 18pt) WCAG AA × Fail

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 121, 242, 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](#).

RYP 121, 242, 124 Background



This preview shows how black text looks on a background with the RYP color 121, 242, 124.

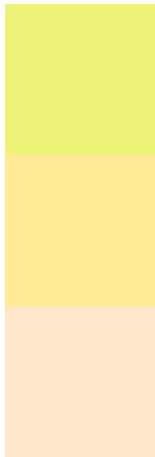


This preview shows how white text looks on a background with the RYP color 121, 242, 124.

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
121, 242, 124

Protanopia
176, 255, 151

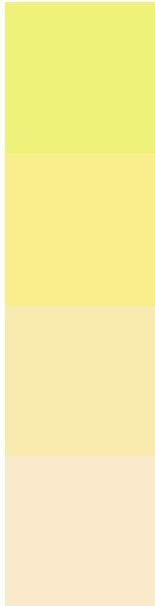
Deuteranopia
251, 255, 205



Tritanopia

252, 228, 246

Trichromacy



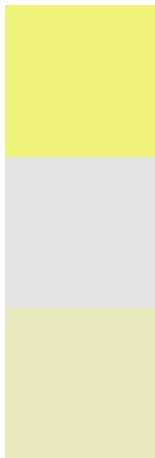
Original Color
121, 242, 124

Protanomaly
152, 249, 140

Deuteranomaly
191, 249, 174

Tritanomaly
221, 247, 201

Monochromacy



Original Color
121, 242, 124

Achromatopsia
227, 227, 227

Achromatomaly
188, 232, 189

CSS Examples

Text

The CSS property to change the color of the text to RYB 121, 242, 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(239, 242, 121)` looks like.

```
.text, #text, p{  
    color:rgb(239, 242, 121)  
}
```

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(239, 242, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 242, 121) }
```

Border

The CSS property to change the border of an element to RYB 121, 242, 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(239, 242, 121) }
```

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

```
.border{ border-color:rgb(239, 242, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 242, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 242, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 242, 121);  
box-shadow:4px 4px 4px 4px rgb(239, 242,  
121) }
```

Background

The CSS property to change the background color of an element to RGB 239, 242, 121 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 242, 121) }
```

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

```
.background{ background-color: rgb(239,  
242, 121) }
```

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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