

Converting Colors

`RYB(97, 247, 115)`

Have a look what the booklet for
RYB(97, 247, 115) contains.

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Color

R_YB(97, 247, 115)

Conversions

Conversions Part 1

Format	Color
Hex	E5F761
RGB	229, 247, 97
RGB Percent	90%, 97%, 38%
CMY	0.1020, 0.0314, 0.6196
CMYK	0.07, 0.00, 0.61, 0.03
HSL	67°, 90%, 67%
HSV	67°, 61%, 97%
XYZ	67.7315, 84.0426, 23.9613
YIQ	224.5180, 37.4220, -50.4660

Conversions

Conversions Part 2

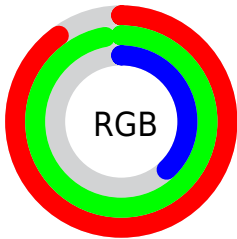
Format	Color
R _Y B	97, 247, 115
Decimal	15071073
CIE Lab	93.47, -25.25, 67.99
CIE LCh	93, 72.528, 110.371
Yxy	84.0426, 0.3854, 0.4782
Android (android.graphics.Color)	4293261153 (0xFFE5F761)
YUV	224.5180, -62.8664, 3.9307
Hunter-Lab	91.6748, -28.5507, 48.6755

Details

The RYB color **97, 247, 115** is a light color, and the websafe version is hex **FFFF66**. A complement of this color would be **115, 97, 247**, and the grayscale version is **225, 225, 225**.

A 20% lighter version of the original color is **153, 255, 153**, and **37, 191, 58** is the 20% darker color. If you saturate the color by 10%, you get **72, 247, 93**, and if you desaturate by 10%, it is **122, 247, 137**.

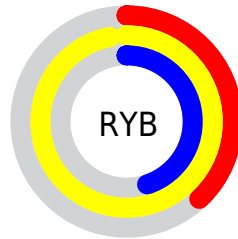
Distribution



Red (90%)

Green (97%)

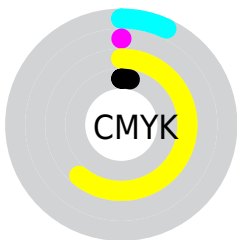
Blue (38%)



Red (38%)

Yellow (97%)

Blue (45%)

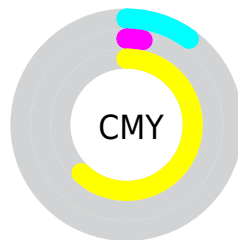


Cyan (7%)

Magenta (0%)

Yellow (61%)

Black (3%)



Cyan (10%)

















Magenta (3%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the RYB color 97, 247, 115 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 97, 247, 115 by changing the saturation by 10% instead.

 97, 247, 115	 97, 247, 115
 255, 255, 255	 69, 219, 89
 153, 255, 153	 37, 191, 58
 181, 255, 181	 0, 164, 22
 210, 255, 210	 0, 137, 23
 240, 255, 240	 0, 112, 25
	 0, 88, 28
	 0, 64, 32
	 0, 42, 40
	 0, 20, 20

■ 97, 247, 115

■ 97, 247, 115

■ 72, 247, 93

■ 122, 247, 137

■ 48, 247, 72

■ 146, 247, 158

■ 23, 247, 50

■ 171, 247, 180

■ 0, 247, 30

■ 196, 247, 202

■ 220, 247, 223

■ 245, 247, 245

■ 250, 247, 255

■ 253, 247, 255

■ 255, 247, 255

Harmonies

Analogous

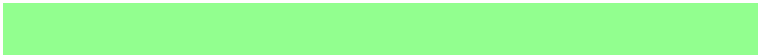
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



130, 255, 93



97, 247, 115



143, 255, 252

Triad

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



97, 247, 115



0, 128, 255



255, 177, 255

Complementary

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



97, 247, 115



115, 97, 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, 198, 255



97, 247, 115



0, 126, 255

Square

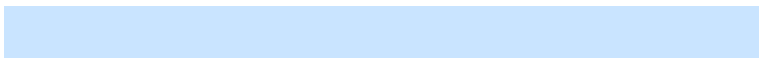
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



97, 247, 115



0, 128, 255



201, 219, 255



255, 177, 191

Rectangle

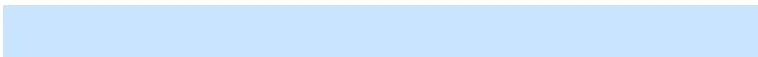
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



97, 247, 115



45, 170, 255



201, 219, 255



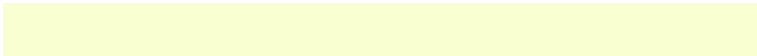
255, 182, 255

Sweetspot

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



97, 247, 115



209, 255, 215



247, 117, 97



99, 128, 103



0, 0, 0



128, 128, 128

Same Dimension

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



97, 247, 115



69, 255, 91



97, 247, 189



110, 122, 111



0, 186, 22



0, 59, 7

Inverse Universe

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



115, 97, 247



91, 69, 255



190, 97, 247



112, 110, 122



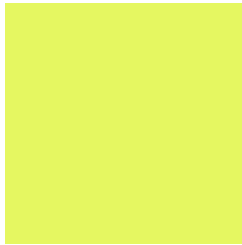
22, 0, 186



7, 0, 59

Previews

White Background



This preview shows how the RYB color 97, 247, 115 looks on a white background.

Color Contrast Check

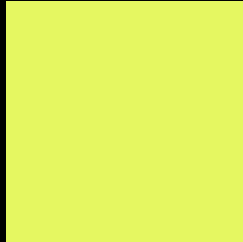
Large Text (above 18pt) WCAG AA × Fail

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 97, 247, 115 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 97, 247, 115 Background



This preview shows how black text looks on a background with the RYB color 97, 247, 115.

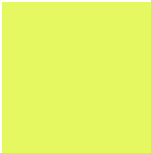
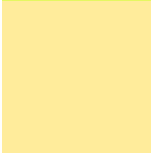
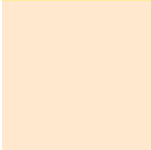


This preview shows how white text looks on a background with the RYB color 97, 247, 115.

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

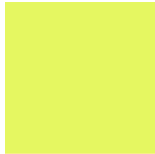
	Original Color 97, 247, 115
	Protanopia 178, 255, 155
	Deuteranopia 249, 255, 206



Tritanopia

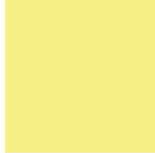
245, 232, 250

Trichromacy



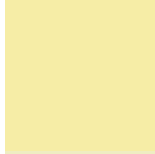
Original Color

97, 247, 115



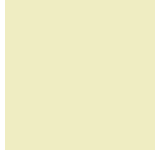
Protanomaly

140, 246, 134



Deuteranomaly

176, 246, 166



Tritanomaly

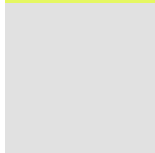
196, 239, 194

Monochromacy



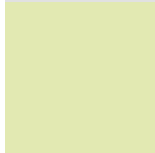
Original Color

97, 247, 115



Achromatopsia

225, 225, 225



Achromatomaly

178, 233, 185

CSS Examples

Text

The CSS property to change the color of the text to RYB 97, 247, 115 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(229, 247, 97)` looks like.

```
.text, #text, p{  
    color:rgb(229, 247, 97)  
}
```

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(229, 247, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 247, 97) }
```

Border

The CSS property to change the border of an element to RYB 97, 247, 115 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(229, 247, 97) }
```

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

```
.border{ border-color:rgb(229, 247, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 247, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 247, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 247, 97);  
box-shadow:4px 4px 4px 4px rgb(229, 247,  
97) }
```

Background

The CSS property to change the background color of an element to RGB 229, 247, 97 is called "background".

The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 247, 97) }
```

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

```
.background{ background-color: rgb(229,  
247, 97) }
```

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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