

Converting Colors

`RYB(162, 255, 157)`

Have a look what the booklet for
RYB(162, 255, 157) contains.

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Color

R_YB(162, 255, 157)

Conversions

Conversions Part 1

Format	Color
Hex	FFFA9D
RGB	255, 250, 157
RGB Percent	100%, 98%, 62%
CMY	0.0000, 0.0187, 0.3843
CMYK	0.00, 0.02, 0.38, 0.00
HSL	57°, 100%, 81%
HSV	57°, 38%, 100%
XYZ	81.5869, 92.2165, 45.3978
YIQ	240.8930, 32.8330, -27.8630

Conversions

Conversions Part 2

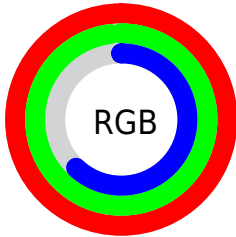
Format	Color
RYB	162, 255, 157
Decimal	16775837
CIELab	96.91, -11.49, 45.26
CIElCh	97, 46.693, 104.244
Yxy	92.2165, 0.3722, 0.4207
Android (android.graphics.Color)	4294965917 (0xFFFFFA9D)
YUV	240.8930, -41.3592, 12.3718
Hunter-Lab	96.0294, -16.3973, 39.1913

Details

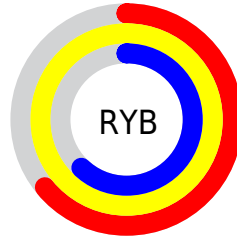
The RYB color **162, 255, 157** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **157, 162, 255**, and the grayscale version is **241, 241, 241**.

A 20% lighter version of the original color is **213, 255, 213**, and **107, 197, 104** is the 20% darker color. If you saturate the color by 10%, you get **138, 255, 132**, and if you desaturate by 10%, it is **187, 255, 183**.

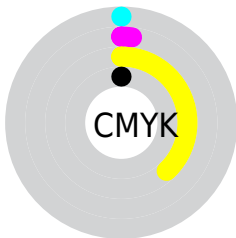
Distribution



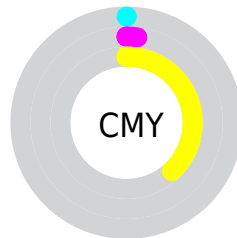
- Red (100%)
- Green (98%)
- Blue (62%)



- Red (64%)
- Yellow (100%)
- Blue (62%)



- Cyan (0%)
- Magenta (2%)
- Yellow (38%)
- Black (0%)



- Cyan (0%)
- Magenta (2%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the RYB color 162, 255, 157 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 162, 255, 157 by changing the saturation by 10% instead.

 162, 255, 157

255, 255, 255


 213, 255, 213

 241, 255, 241

 162, 255, 157

 134, 226, 130

 107, 197, 104

 80, 169, 78

 54, 141, 53

 27, 115, 28

 0, 91, 3

 0, 67, 4

 0, 45, 7

 0, 25, 16

■ 162, 255, 157

■ 162, 255, 157

■ 138, 255, 132

■ 187, 255, 183

■ 113, 255, 106

■ 210, 255, 208

■ 89, 255, 81

■ 235, 255, 234

■ 66, 255, 55

255, 255, 255

■ 41, 255, 29

■ 17, 255, 4

■ 13, 255, 0

Harmonies

Analogous

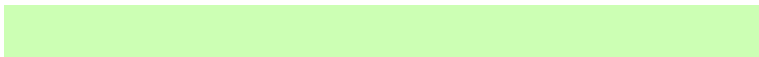
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



184, 255, 159



162, 255, 157



180, 255, 231

Triad

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



162, 255, 157



80, 168, 255



255, 214, 255

Complementary

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



162, 255, 157



157, 162, 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, 227, 255



162, 255, 157



143, 199, 255

Square

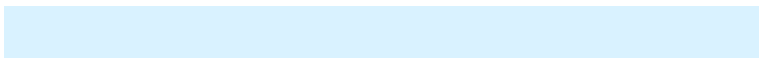
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



162, 255, 157



92, 174, 255



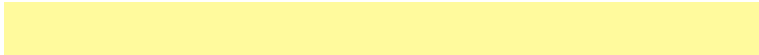
217, 232, 255



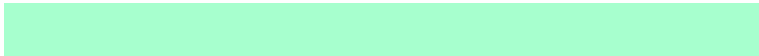
255, 212, 226

Rectangle

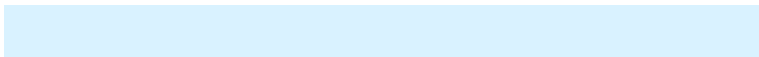
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



162, 255, 157



167, 228, 255



217, 232, 255



255, 217, 255

Sweetspot

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



162, 255, 157



225, 255, 224



255, 157, 162



111, 128, 110



0, 0, 0



128, 128, 128

Same Dimension

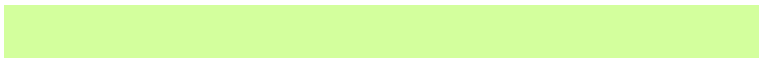
The Same Dimension uses a secret algorithm to generate beautiful new colors.



162, 255, 157



144, 255, 138



157, 255, 201



116, 128, 115



9, 191, 0



3, 64, 0

Inverse Universe

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



157, 162, 255



138, 143, 255



201, 157, 255



115, 115, 128



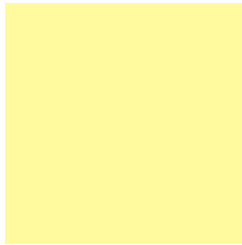
0, 9, 191



0, 3, 64

Previews

White Background



This preview shows how the RYB color 162, 255, 157 looks on a white background.

Color Contrast Check

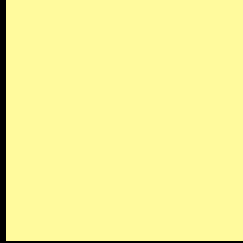
Large Text (above 18pt) WCAG AA × Fail

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 162, 255, 157 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

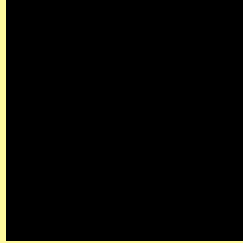
Any Text WCAG AA ✓ Pass

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 162, 255, 157 Background



This preview shows how black text looks on a background with the RYB color 162, 255, 157.

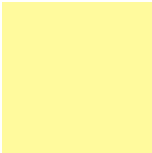
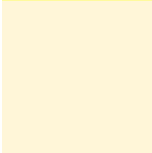
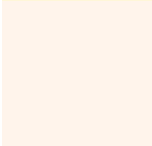


This preview shows how white text looks on a background with the RYB color 162, 255, 157.

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 162, 255, 157
	Protanopia 228, 255, 216
	Deuteranopia 255, 251, 235



Tritanopia
255, 243, 251

Trichromacy



Original Color

162, 255, 157



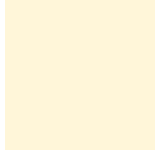
Protanomaly

203, 255, 195



Deuteranomaly

218, 255, 207



Tritanomaly

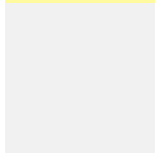
229, 255, 217

Monochromacy



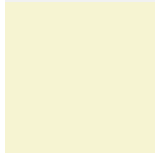
Original Color

162, 255, 157



Achromatopsia

241, 241, 241



Achromatomaly

212, 246, 210

CSS Examples

Text

The CSS property to change the color of the text to RYB 162, 255, 157 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, 250, 157)` looks like.

```
.text, #text, p{  
    color:rgb(255, 250, 157)  
}
```

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, 250, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 250, 157) }
```

Border

The CSS property to change the border of an element to RYB 162, 255, 157 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, 250, 157) }
```

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

```
.border{ border-color:rgb(255, 250, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 250, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 250, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 250, 157);  
box-shadow:4px 4px 4px 4px rgb(255, 250,  
157) }
```

Background

The CSS property to change the background color of an element to RYB 162, 255, 157 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 250, 157) }
```

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

```
.background{ background-color: rgb(255,  
250, 157) }
```

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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