

Converting Colors

`RYB(161, 249, 164)`

Have a look what the booklet for
RYB(161, 249, 164) contains.

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Color

R_YB(161, 249, 164)

Conversions

Conversions Part 1

Format	Color
Hex	F6F9A1
RGB	246, 249, 161
RGB Percent	96%, 98%, 63%
CMY	0.0353, 0.0235, 0.3686
CMYK	0.01, 0.00, 0.35, 0.02
HSL	62°, 88%, 80%
HSV	62°, 35%, 98%
XYZ	78.3147, 89.9174, 46.9464
YIQ	238.0710, 26.4600, -28.0040

Conversions

Conversions Part 2

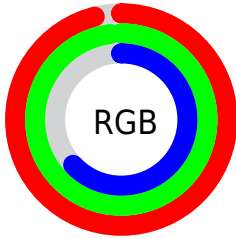
Format	Color
RYB	161, 249, 164
Decimal	16185761
CIELab	95.96, -13.85, 41.95
CIELCh	96, 44.173, 108.273
Yxy	89.9174, 0.3640, 0.4179
Android (android.graphics.Color)	4294375841 (0xFFFF6F9A1)
YUV	238.0710, -37.9960, 6.9537
Hunter-Lab	94.8248, -18.5222, 37.0237

Details

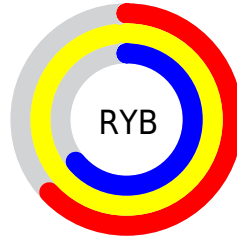
The RYB color **161, 249, 164** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **164, 161, 249**, and the grayscale version is **238, 238, 238**.

A 20% lighter version of the original color is **217, 255, 217**, and **108, 193, 113** is the 20% darker color. If you saturate the color by 10%, you get **136, 249, 140**, and if you desaturate by 10%, it is **186, 249, 188**.

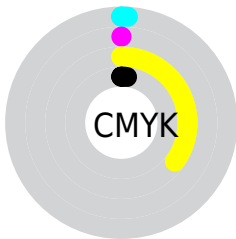
Distribution



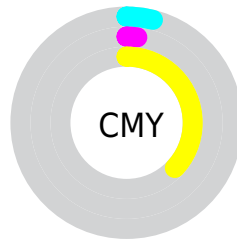
- Red (96%)
- Green (98%)
- Blue (63%)



- Red (63%)
- Yellow (98%)
- Blue (64%)



- Cyan (1%)
- Magenta (0%)
- Yellow (35%)
- Black (2%)




- Cyan (4%)
- Magenta (2%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the RYB color 161, 249, 164 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 161, 249, 164 by changing the saturation by 10% instead.

 161, 249, 164

255, 255, 255

 217, 255, 217

 245, 255, 245

 161, 249, 164

 134, 220, 137

 108, 193, 113

 83, 166, 88

 58, 139, 63

 33, 114, 40

 4, 89, 12

 0, 66, 9

 0, 44, 12

 0, 25, 25

 161, 249, 164

 161, 249, 164

 136, 249, 140

 186, 249, 188

 111, 249, 116

 211, 249, 212

 86, 249, 92

 236, 249, 236

 61, 249, 67

 249, 249, 255

 37, 249, 44

 250, 249, 255

 12, 249, 20

 251, 249, 255

 0, 249, 8

 252, 249, 255

 253, 249, 255

 254, 249, 255

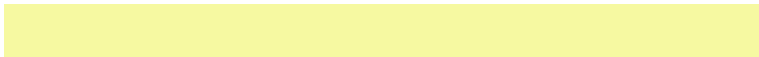
Harmonies

Analogous

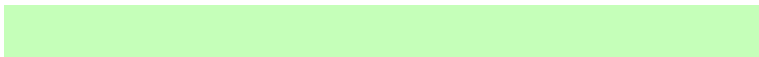
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



185, 255, 160



161, 249, 164



185, 255, 243

Triad

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



161, 249, 164



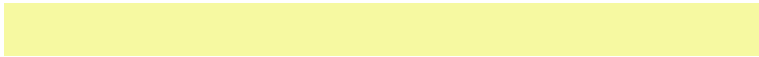
100, 178, 255



255, 213, 255

Complementary

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



161, 249, 164



164, 161, 249

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, 223, 255



161, 249, 164



158, 206, 255

Square

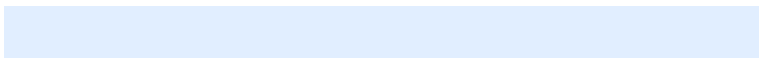
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



161, 249, 164



99, 177, 255



225, 234, 255



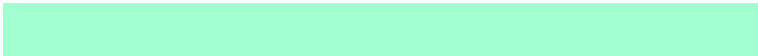
255, 212, 219

Rectangle

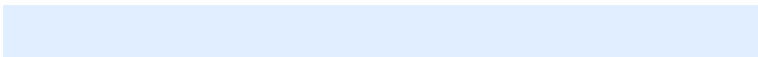
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



161, 249, 164



163, 224, 255



225, 234, 255



255, 215, 255

Sweetspot

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



161, 249, 164



227, 255, 228



249, 164, 161



111, 128, 112



0, 0, 0



128, 128, 128

Same Dimension

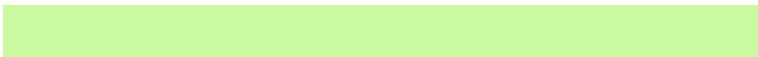
The Same Dimension uses a secret algorithm to generate beautiful new colors.



161, 249, 164



148, 255, 152



161, 249, 208



112, 125, 112



0, 189, 7



0, 61, 2

Inverse Universe

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



164, 161, 249



152, 148, 255



208, 161, 249



113, 112, 125



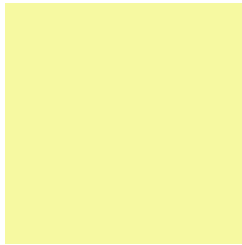
6, 0, 189



2, 0, 61

Previews

White Background



This preview shows how the RYB color 161, 249, 164 looks on a white background.

Color Contrast Check

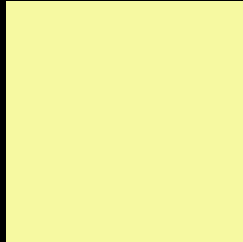
Large Text (above 18pt) WCAG AA × Fail

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 161, 249, 164 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

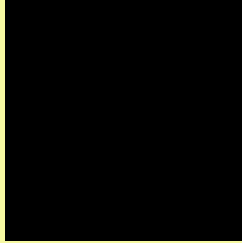
Any Text WCAG AA ✓ Pass

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 161, 249, 164 Background



This preview shows how black text looks on a background with the RYB color 161, 249, 164.

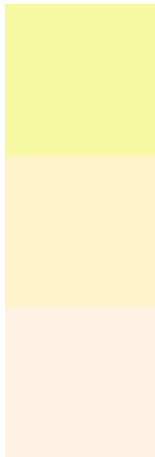


This preview shows how white text looks on a background with the RYB color 161, 249, 164.

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
161, 249, 164

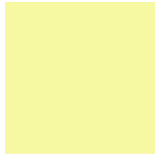
Protanopia
218, 255, 202

Deuteranopia
255, 253, 228



Tritanopia
255, 238, 254

Trichromacy



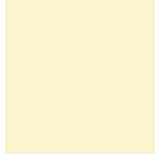
Original Color

161, 249, 164



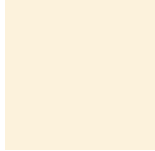
Protanomaly

195, 252, 187



Deuteranomaly

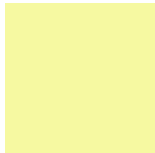
214, 252, 204



Tritanomaly

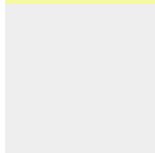
235, 252, 220

Monochromacy



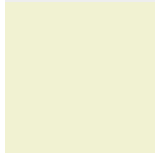
Original Color

161, 249, 164



Achromatopsia

238, 238, 238



Achromatomaly

210, 242, 211

CSS Examples

Text

The CSS property to change the color of the text to RYB 161, 249, 164 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(246, 249, 161)` looks like.

```
.text, #text, p{  
    color:rgb(246, 249, 161)  
}
```

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(246, 249, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 249, 161) }
```

Border

The CSS property to change the border of an element to RYB 161, 249, 164 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(246, 249, 161) }
```

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

```
.border{ border-color:rgb(246, 249, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 249, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 249, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 249, 161);  
box-shadow:4px 4px 4px 4px rgb(246, 249,  
161) }
```

Background

The CSS property to change the background color of an element to RYB 161, 249, 164 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 249, 161) }
```

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

```
.background{ background-color: rgb(246,  
249, 161) }
```

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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