

Converting Colors

`RYB(137, 254, 132)`

Have a look what the booklet for
RYB(137, 254, 132) contains.

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Color

R_YB(137, 254, 132)

Conversions

Conversions Part 1

Format	Color
Hex	FEF984
RGB	254, 249, 132
RGB Percent	100%, 98%, 52%
CMY	0.0039, 0.0228, 0.4824
CMYK	0.00, 0.02, 0.48, 0.00
HSL	58°, 98%, 76%
HSV	58°, 48%, 100%
XYZ	78.9745, 90.6099, 35.1569
YIQ	237.1570, 40.5370, -35.3270

Conversions

Conversions Part 2

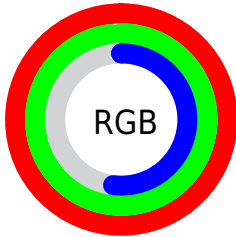
Format	Color
RYB	137, 254, 132
Decimal	16710020
CIELab	96.25, -13.77, 56.32
CIElCh	96, 57.984, 103.741
Yxy	90.6099, 0.3857, 0.4426
Android (android.graphics.Color)	4294900100 (0xFFFEF984)
YUV	237.1570, -51.8424, 14.7713
Hunter-Lab	95.1892, -18.4873, 44.7345

Details

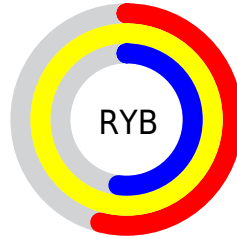
The RYB color **137, 254, 132** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **132, 137, 254**, and the grayscale version is **238, 238, 238**.

A 20% lighter version of the original color is **187, 255, 187**, and **81, 195, 79** is the 20% darker color. If you saturate the color by 10%, you get **113, 254, 107**, and if you desaturate by 10%, it is **161, 254, 157**.

Distribution



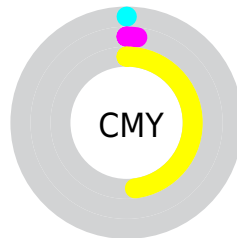
- Red (100%)
- Green (98%)
- Blue (52%)



- Red (54%)
- Yellow (100%)
- Blue (52%)



- Cyan (0%)
- Magenta (2%)
- Yellow (48%)
- Black (0%)



- Cyan (0%)
- Magenta (2%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the RYB color 137, 254, 132 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 137, 254, 132 by changing the saturation by 10% instead.

 137, 254, 132

255, 255, 255


 187, 255, 187

 216, 255, 216


 245, 255, 245


 137, 254, 132

 108, 224, 105

 81, 195, 79

 53, 167, 52

 21, 140, 22

 0, 114, 3

 0, 90, 5

 0, 67, 8

 0, 45, 12

 0, 25, 25

■ 137, 254, 132

■ 137, 254, 132

■ 113, 254, 107

■ 161, 254, 157

■ 88, 254, 81

■ 186, 254, 183

■ 64, 254, 56

■ 210, 254, 208

■ 39, 254, 30

■ 235, 254, 234

■ 15, 254, 5

254, 254, 255

■ 10, 254, 0

254, 255, 255

Harmonies

Analogous

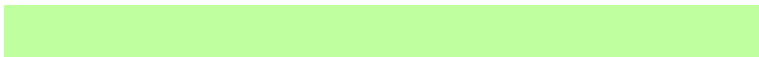
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



168, 255, 136



137, 254, 132



160, 255, 224

Triad

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



137, 254, 132



0, 128, 255



255, 203, 255

Complementary

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



137, 254, 132



132, 137, 254

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, 220, 255



137, 254, 132



78, 167, 255

Square

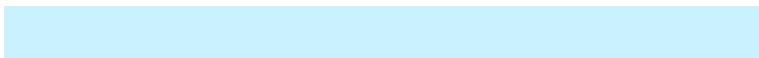
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



137, 254, 132



0, 128, 255



201, 224, 255



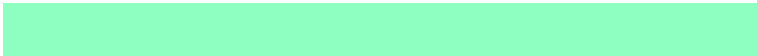
255, 199, 220

Rectangle

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



137, 254, 132



142, 220, 255



201, 224, 255



255, 207, 255

Sweetspot

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



137, 254, 132



220, 255, 219



254, 132, 138



107, 128, 106



0, 0, 0



128, 128, 128

Same Dimension

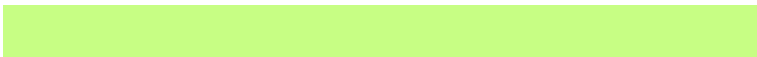
The Same Dimension uses a secret algorithm to generate beautiful new colors.



137, 254, 132



113, 255, 107



132, 254, 187



116, 128, 115



7, 191, 0



3, 64, 0

Inverse Universe

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



132, 137, 254



107, 113, 255



187, 132, 254



115, 115, 128



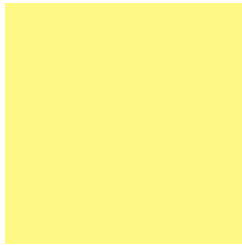
0, 8, 191



0, 3, 64

Previews

White Background



This preview shows how the RYB color 137, 254, 132 looks on a white background.

Color Contrast Check

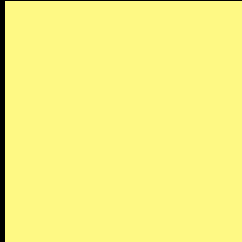
Large Text (above 18pt) WCAG AA × Fail

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 137, 254, 132 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

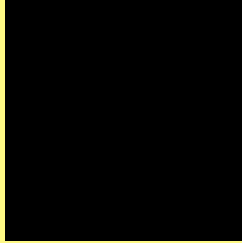
Any Text WCAG AA ✓ Pass

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 137, 254, 132 Background



This preview shows how black text looks on a background with the RYB color 137, 254, 132.

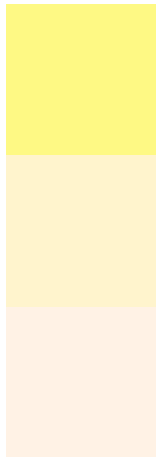


This preview shows how white text looks on a background with the RYB color 137, 254, 132.

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
137, 254, 132

Protanopia
219, 255, 205

Deuteranopia
255, 255, 229



Tritanopia

255, 240, 249

Trichromacy



Original Color
137, 254, 132



Protanomaly
188, 255, 178



Deuteranomaly
206, 255, 194

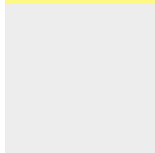


Tritanomaly
222, 255, 206

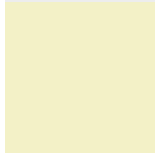
Monochromacy



Original Color
137, 254, 132



Achromatopsia
237, 237, 237



Achromatomaly
201, 243, 199

CSS Examples

Text

The CSS property to change the color of the text to RYB 137, 254, 132 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(254, 249, 132)` looks like.

```
.text, #text, p{  
    color:rgb(254, 249, 132)  
}
```

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(254, 249, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 249, 132) }
```

Border

The CSS property to change the border of an element to RYB 137, 254, 132 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(254, 249, 132) }
```

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

```
.border{ border-color:rgb(254, 249, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 249, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 249, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 249, 132);  
box-shadow:4px 4px 4px 4px rgb(254, 249,  
132) }
```

Background

The CSS property to change the background color of an element to RYB 137, 254, 132 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 249, 132) }
```

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

```
.background{ background-color: rgb(254,  
249, 132) }
```

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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