

Converting Colors

`RYB(133, 252, 130)`

Have a look what the booklet for
RYB(133, 252, 130) contains.

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Color

R_YB(133, 252, 130)

Conversions

Conversions Part 1

Format	Color
Hex	FCF982
RGB	252, 249, 130
RGB Percent	99%, 98%, 51%
CMY	0.0118, 0.0232, 0.4902
CMYK	0.00, 0.01, 0.48, 0.01
HSL	59°, 95%, 75%
HSV	59°, 48%, 99%
XYZ	78.0721, 90.1030, 34.3959
YIQ	236.3310, 39.9870, -36.3730

Conversions

Conversions Part 2

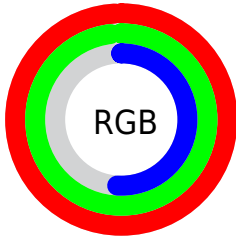
Format	Color
RYB	133, 252, 130
Decimal	16578946
CIELab	96.04, -14.67, 56.96
CIELCh	96, 58.818, 104.439
Yxy	90.1030, 0.3854, 0.4448
Android (android.graphics.Color)	4294769026 (0xFFFCF982)
YUV	236.3310, -52.4212, 13.7417
Hunter-Lab	94.9226, -19.3017, 44.9617

Details

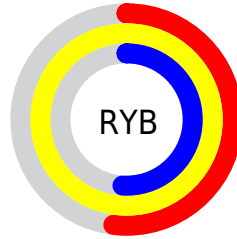
The RYB color **133, 252, 130** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **130, 133, 252**, and the grayscale version is **237, 237, 237**.

A 20% lighter version of the original color is **185, 255, 185**, and **76, 193, 76** is the 20% darker color. If you saturate the color by 10%, you get **109, 252, 105**, and if you desaturate by 10%, it is **157, 252, 155**.

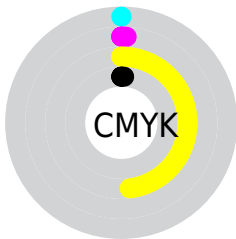
Distribution



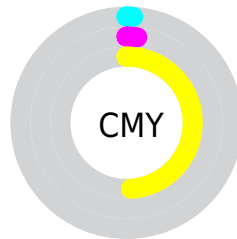
- Red (99%)
- Green (98%)
- Blue (51%)



- Red (52%)
- Yellow (99%)
- Blue (51%)



- Cyan (0%)
- Magenta (1%)
- Yellow (48%)
- Black (1%)



- Cyan (1%)
- Magenta (2%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the RYB color 133, 252, 130 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 133, 252, 130 by changing the saturation by 10% instead.

 133, 252, 130

255, 255, 255

 185, 255, 185


 214, 255, 214

 243, 255, 243

 133, 252, 130

 104, 222, 103

 76, 193, 76

 49, 166, 50

 18, 140, 21

 0, 114, 5

 0, 90, 7

 0, 66, 9

 0, 44, 13

 0, 25, 25

133, 252, 130

133, 252, 130

109, 252, 105

157, 252, 155

84, 252, 80

182, 252, 180

59, 252, 54

207, 252, 206

34, 252, 29

232, 252, 231

10, 252, 4

252, 252, 255

6, 252, 0

252, 253, 255

252, 253, 255

252, 254, 255

Harmonies

Analogous

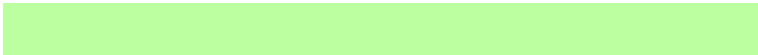
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



164, 255, 133



133, 252, 130



160, 255, 227

Triad

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



133, 252, 130



0, 128, 255



255, 201, 255

Complementary

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



133, 252, 130



130, 133, 252

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, 218, 255



133, 252, 130



74, 165, 255

Square

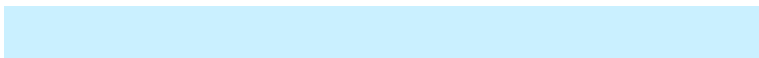
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



133, 252, 130



0, 128, 255



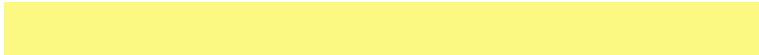
202, 224, 255



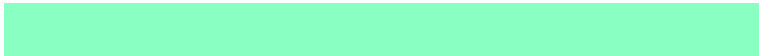
255, 198, 218

Rectangle

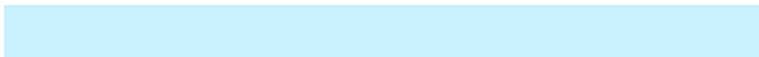
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



133, 252, 130



137, 217, 255



202, 224, 255



255, 206, 255

Sweetspot

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



133, 252, 130



218, 255, 217



252, 130, 134



106, 128, 105



0, 0, 0



128, 128, 128

Same Dimension

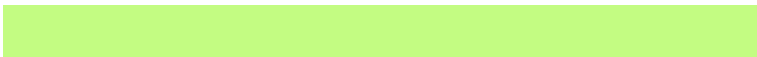
The Same Dimension uses a secret algorithm to generate beautiful new colors.



133, 252, 130



111, 255, 107



130, 252, 187



112, 125, 112



5, 189, 0



1, 61, 0

Inverse Universe

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



130, 133, 252



107, 111, 255



187, 130, 252



112, 113, 125



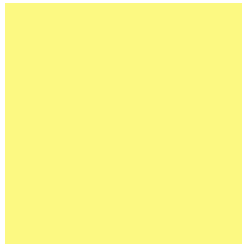
0, 5, 189



0, 1, 61

Previews

White Background



This preview shows how the RYB color 133, 252, 130 looks on a white background.

Color Contrast Check

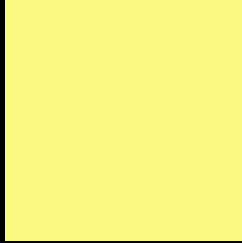
Large Text (above 18pt) WCAG AA × Fail

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 133, 252, 130 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

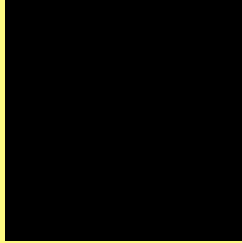
Any Text WCAG AA ✓ Pass

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 133, 252, 130 Background



This preview shows how black text looks on a background with the RYB color 133, 252, 130.

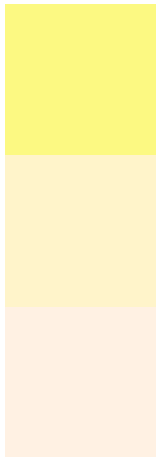


This preview shows how white text looks on a background with the RYB color 133, 252, 130.

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
133, 252, 130

Protanopia
216, 255, 202

Deuteranopia
255, 255, 227



Tritanopia

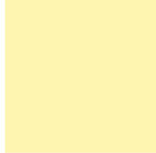
255, 239, 249

Trichromacy



Original Color

133, 252, 130



Protanomaly

185, 254, 176



Deuteranomaly

204, 254, 192



Tritanomaly

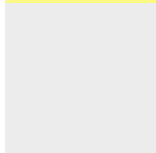
220, 254, 206

Monochromacy



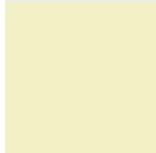
Original Color

133, 252, 130



Achromatopsia

236, 236, 236



Achromatomaly

198, 242, 197

CSS Examples

Text

The CSS property to change the color of the text to RYB 133, 252, 130 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(252, 249, 130)` looks like.

```
.text, #text, p{  
    color:rgb(252, 249, 130)  
}
```

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(252, 249, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 249, 130) }
```

Border

The CSS property to change the border of an element to RYB 133, 252, 130 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(252, 249, 130) }
```

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

```
.border{ border-color:rgb(252, 249, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 249, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(252, 249, 130); -webkit-box-shadow:4px 4px 4px 4px rgb(252, 249, 130); box-shadow:4px 4px 4px 4px rgb(252, 249, 130) }
```

Background

The CSS property to change the background color of an element to RYB 133, 252, 130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 249, 130) }
```

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

```
.background{ background-color: rgb(252,  
249, 130) }
```

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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