

Converting Colors

`RYB(160, 252, 133)`

Have a look what the booklet for
RYB(160, 252, 133) contains.

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Color

R_YB(160, 252, 133)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | FCE685 |
| RGB | 252, 230, 133 |
| RGB Percent | 99%, 90%, 52% |
| CMY | 0.0118, 0.0981, 0.4784 |
| CMYK | 0.00, 0.09, 0.47, 0.01 |
| HSL | 49°, 95%, 75% |
| HSV | 49°, 47%, 99% |
| XYZ | 72.6734, 78.9787, 33.6044 |
| YIQ | 225.5200, 44.2490, -25.5030 |

Conversions

Conversions Part 2

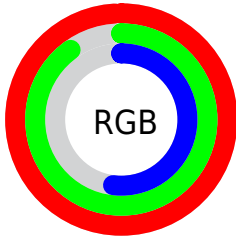
| Format | Color |
|-------------------------------------|---|
| RYB | 160, 252, 133 |
| Decimal | 16574085 |
| CIELab | 91.22, -4.97, 49.71 |
| CIElCh | 91, 49.959, 95.704 |
| Yxy | 78.9787, 0.3923, 0.4263 |
| Android (android.graphics.Color) | 4294764165 (0xFFFFCE685) |
| YUV | 225.5200, -45.6124, 23.2230 |
| Hunter-Lab | 88.8700, -9.5541, 39.7896 |

Details

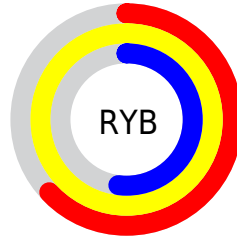
The RYB color **160, 252, 133** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **133, 152, 252**, and the grayscale version is **226, 226, 226**.

A 20% lighter version of the original color is **188, 255, 188**, and **102, 193, 81** is the 20% darker color. If you saturate the color by 10%, you get **141, 252, 108**, and if you desaturate by 10%, it is **179, 252, 158**.

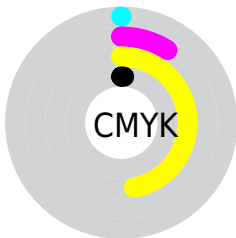
Distribution



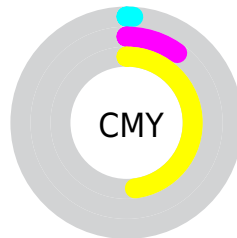
- Red (99%)
- Green (90%)
- Blue (52%)



- Red (63%)
- Yellow (99%)
- Blue (52%)



- Cyan (0%)
- Magenta (9%)
- Yellow (47%)
- Black (1%)



- Cyan (1%)
- Magenta (10%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the RYB color 160, 252, 133 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 160, 252, 133 by changing the saturation by 10% instead.

 160, 252, 133

255, 255, 255

 188, 255, 188


 216, 255, 216


 245, 255, 245

 160, 252, 133


 131, 222, 107

 102, 193, 81

 75, 165, 55

 44, 137, 28

 13, 110, 0

 11, 84, 0

 7, 58, 0

 2, 33, 0

 0, 8, 8

160, 252, 133

160, 252, 133

141, 252, 108

179, 252, 158

121, 252, 83

199, 252, 183

101, 252, 57

219, 252, 209

82, 252, 32

238, 252, 234

62, 252, 7

252, 253, 255

58, 252, 0

252, 254, 255

Harmonies

Analogous

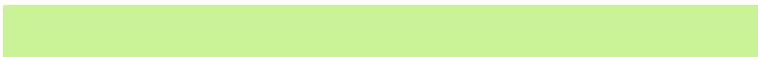
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



210, 255, 143



160, 252, 133



150, 243, 192

Triad

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



160, 252, 133



0, 127, 255



255, 198, 255

Complementary

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



160, 252, 133



133, 152, 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.



247, 214, 255



160, 252, 133



79, 164, 255

Square

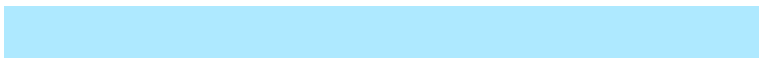
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



160, 252, 133



64, 164, 255



174, 208, 255



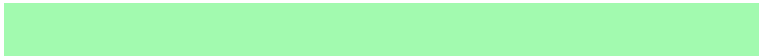
255, 192, 222

Rectangle

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



160, 252, 133



162, 239, 250



174, 208, 255



255, 203, 255

Sweetspot

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



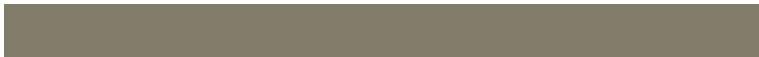
160, 252, 133



228, 255, 219



252, 133, 157



112, 128, 106



0, 0, 0



128, 128, 128

Same Dimension

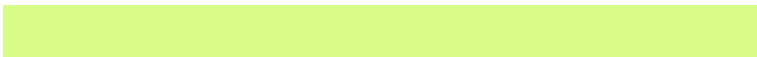
The Same Dimension uses a secret algorithm to generate beautiful new colors.



160, 252, 133



143, 255, 110



133, 252, 169



114, 125, 112



43, 189, 0



13, 61, 0

Inverse Universe

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



133, 152, 252



110, 133, 255



169, 133, 252



112, 114, 125



0, 30, 189



0, 9, 61

Previews

White Background



This preview shows how the RYB color 160, 252, 133 looks on a white background.

Color Contrast Check

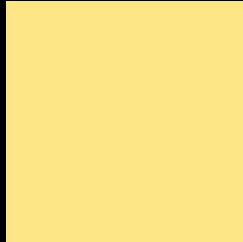
Large Text (above 18pt) WCAG AA × Fail

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 160, 252, 133 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 160, 252, 133 Background



This preview shows how black text looks on a background with the RYB color 160, 252, 133.



This preview shows how white text looks on a background with the RYB color 160, 252, 133.

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
160, 252, 133

Protanopia
160, 252, 133

Deuteranopia
249, 255, 192



Tritanopia

255, 221, 234

Trichromacy

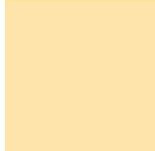


Original Color

160, 252, 133

Protanomaly

160, 252, 133



Deuteranomaly

211, 254, 171



Tritanomaly

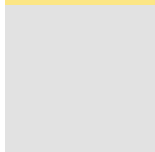
254, 248, 197

Monochromacy



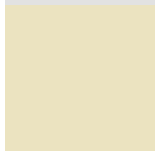
Original Color

160, 252, 133



Achromatopsia

226, 226, 226



Achromatomaly

202, 235, 192

CSS Examples

Text

The CSS property to change the color of the text to RYB 160, 252, 133 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, 230, 133)` looks like.

```
.text, #text, p{  
    color:rgb(252, 230, 133)  
}
```

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, 230, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 230, 133) }
```

Border

The CSS property to change the border of an element to RYB 160, 252, 133 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, 230, 133) }
```

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

```
.border{ border-color:rgb(252, 230, 133) }
```

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

Here you see how a box with a 4 pixel rgb(252, 230, 133) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 230, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 230, 133);  
box-shadow:4px 4px 4px 4px rgb(252, 230,  
133) }
```

Background

The CSS property to change the background color of an element to RYB 160, 252, 133 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 230, 133) }
```

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

```
.background{ background-color: rgb(252,  
230, 133) }
```

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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