

Converting Colors

`RYB(181, 242, 181)`

Have a look what the booklet for RYB(181, 242, 181) contains.

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Color

R_YB(181, 242, 181)

Conversions

Conversions Part 1

Format	Color
Hex	F2F2B5
RGB	242, 242, 181
RGB Percent	95%, 95%, 71%
CMY	0.0510, 0.0510, 0.2902
CMYK	0.00, 0.00, 0.25, 0.05
HSL	60°, 70%, 83%
HSV	60°, 25%, 95%
XYZ	76.7106, 85.7177, 56.2182
YIQ	235.0460, 19.5810, -18.9710

Conversions

Conversions Part 2

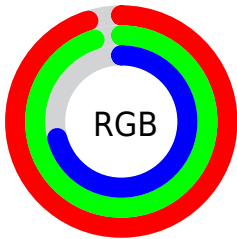
Format	Color
RYB	181, 242, 181
Decimal	15921845
CIELab	94.19, -9.44, 29.54
CIELCh	94, 31.009, 107.723
Yxy	85.7177, 0.3508, 0.3920
Android (android.graphics.Color)	4294111925 (0xFFFF2F2B5)
YUV	235.0460, -26.6447, 6.0987
Hunter-Lab	92.5839, -14.1252, 28.8070

Details

The RYB color **181, 242, 181** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **181, 181, 242**, and the grayscale version is **235, 235, 235**.

A 20% lighter version of the original color is **237, 255, 237**, and **128, 186, 129** is the 20% darker color. If you saturate the color by 10%, you get **157, 242, 157**, and if you desaturate by 10%, it is **205, 242, 205**.

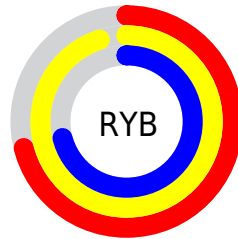
Distribution



Red (95%)

Green (95%)

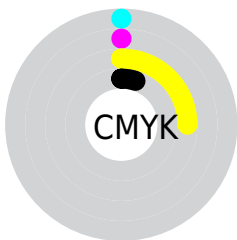
Blue (71%)



Red (71%)

Yellow (95%)

Blue (71%)

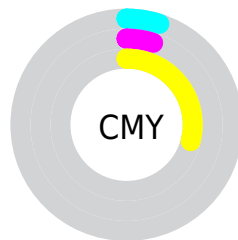


Cyan (0%)

Magenta (0%)

Yellow (25%)

Black (5%)



Cyan (5%)


Magenta (5%)

Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the RYB color 181, 242, 181 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 181, 242, 181 by changing the saturation by 10% instead.

 181, 242, 181


255, 255, 255


 237, 255, 237

 181, 242, 181


 154, 214, 155

 128, 186, 129

 102, 159, 103


 78, 133, 80

 54, 108, 57

 31, 84, 35

 8, 61, 13

 0, 39, 5

 0, 19, 19

181, 242, 181

181, 242, 181

157, 242, 157

205, 242, 205

133, 242, 133

229, 242, 229

108, 242, 108

242, 242, 254

84, 242, 84

242, 242, 255

60, 242, 60

36, 242, 36

12, 242, 12

0, 242, 0

Harmonies

Analogous

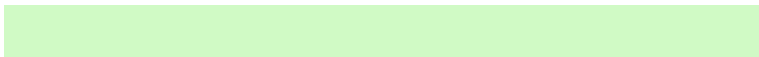
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



213, 255, 180



181, 242, 181



197, 250, 239

Triad

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



181, 242, 181



156, 205, 255



255, 218, 252

Complementary

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



181, 242, 181



181, 181, 242

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, 225, 255



181, 242, 181



186, 218, 255

Square

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



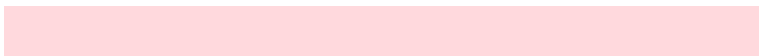
181, 242, 181



154, 205, 255



227, 233, 255



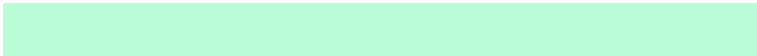
255, 217, 221

Rectangle

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



181, 242, 181



186, 233, 253



227, 233, 255



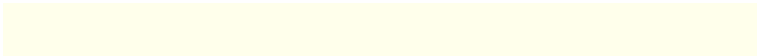
255, 220, 255

Sweetspot

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



181, 242, 181



235, 255, 235



242, 181, 181



115, 128, 115



0, 0, 0



128, 128, 128

Same Dimension

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



181, 242, 181



179, 255, 179



181, 242, 212



108, 120, 108



0, 184, 0



0, 56, 0

Inverse Universe

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



181, 181, 242



179, 179, 255



211, 181, 242



108, 108, 120



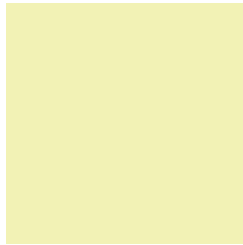
0, 0, 184



0, 0, 56

Previews

White Background



This preview shows how the RYB color 181, 242, 181 looks on a white background.

Color Contrast Check

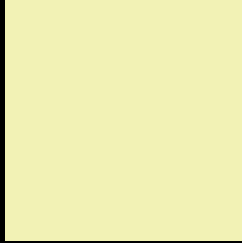
Large Text (above 18pt) WCAG AA × Fail

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 181, 242, 181 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

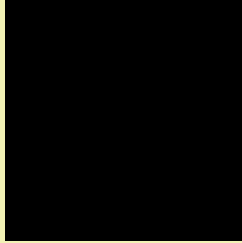
Any Text WCAG AA ✓ Pass

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 181, 242, 181 Background



This preview shows how black text looks on a background with the RYB color 181, 242, 181.



This preview shows how white text looks on a background with the RYB color 181, 242, 181.

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

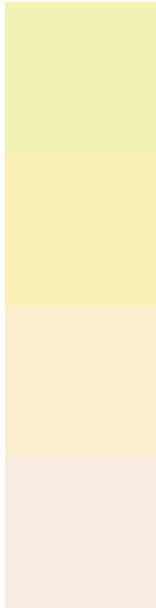




Tritanopia

251, 233, 251

Trichromacy



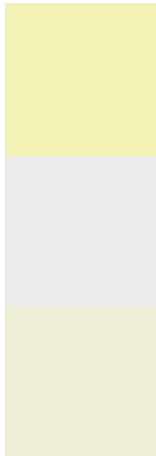
Original Color
181, 242, 181

Protanomaly
193, 250, 180

Deuteranomaly
221, 250, 205

Tritanomaly
248, 244, 226

Monochromacy



Original Color
181, 242, 181

Achromatopsia
235, 235, 235

Achromatomaly
215, 238, 215

CSS Examples

Text

The CSS property to change the color of the text to RYB 181, 242, 181 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(242, 242, 181)` looks like.

```
.text, #text, p{  
    color:rgb(242, 242, 181)  
}
```

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(242, 242, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 242, 181) }
```

Border

The CSS property to change the border of an element to RYB 181, 242, 181 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(242, 242, 181) }
```

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

```
.border{ border-color:rgb(242, 242, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 242, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(242, 242, 181); -webkit-box-shadow:4px 4px 4px 4px rgb(242, 242, 181); box-shadow:4px 4px 4px 4px rgb(242, 242, 181) }
```

Background

The CSS property to change the background color of an element to RYB 181, 242, 181 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 242, 181) }
```

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

```
.background{ background-color: rgb(242,  
242, 181) }
```

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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