Converting Colors

RYB(192, 242, 181)

Have a look what the booklet for RYB(192, 242, 181) contains.

Color

RYB(192, 242, 181)

Conversions

Conversions Part 1

Format	Color
Hex	F2E9B5
RGB	242, 233, 181
RGB Percent	95%, 91%, 71%
CMY	0.0510, 0.0875, 0.2902
CMYK	0.00, 0.04, 0.25, 0.05
HSL	51°, 70%, 83%
HSV	51°, 25%, 95%
XYZ	74.0070, 80.3106, 55.3170
YIQ	229.7630, 22.0560, -14.2640

Conversions

Conversions Part 2

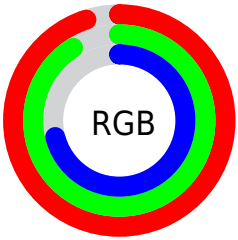
Format	Color
RYB	192, 242, 181
Decimal	15919541
CIELab	91.82, -4.77, 26.32
CIELCh	92, 26.746, 100.271
Yxy	80.3106, 0.3530, 0.3831
Android (android.graphics.Color)	4294109621 (0xFFF2E9B5)
YUV	229.7630, -24.0402, 10.7318
Hunter-Lab	89.6162, -9.4190, 26.1336

Details

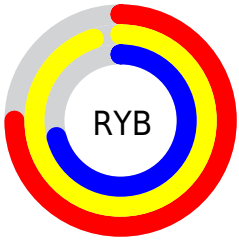
The RYB color 192, 242, 181 is a light color, and the websafe version is hex FFFFCC. A complement of this color would be 181, 189, 242, and the grayscale version is 230, 230, 230.

A 20% lighter version of the original color is 237, 255, 237, and 137, 185, 128 is the 20% darker color. If you saturate the color by 10%, you get 172, 242, 157, and if you desaturate by 10%, it is 212, 242, 205.

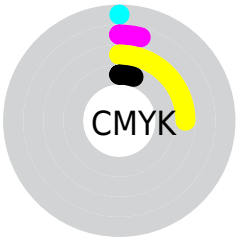
Distribution



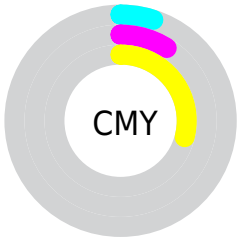
- Red (95%)
- Green (91%)
- Blue (71%)



- Red (75%)
- Yellow (95%)
- Blue (71%)



- Cyan (0%)
- Magenta (4%)
- Yellow (25%)
- Black (5%)



- Cyan (5%)
- Magenta (9%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the RYB color 192, 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 192, 242, 181 by changing the saturation by 10% instead.

192, 242, 181

255, 255, 255

237, 255, 237

192, 242, 181

163, 213, 154

137, 185, 128

111, 158, 102

85, 131, 78

62, 106, 55

38, 81, 32

14, 57, 10

3, 35, 0

0, 10, 10

192, 242, 181

172, 242, 157

153, 242, 133

132, 242, 108

112, 242, 84

93, 242, 60

74, 242, 36

53, 242, 12

44, 242, 0

192, 242, 181

212, 242, 205

231, 242, 229

242, 244, 254

242, 246, 255

242, 247, 255

242, 249, 255

Harmonies

Analogous

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

239, 255, 184

192, 242, 181

192, 240, 219

Triad

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

192, 242, 181

161, 205, 255

255, 215, 249

Complementary

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

192, 242, 181

181, 189, 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.

247, 222, 255

192, 242, 181

181, 214, 255

Square

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

192, 242, 181

164, 207, 246

213, 226, 255

255, 213, 223

Rectangle

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

192, 242, 181

194, 235, 244

213, 226, 255

255, 217, 255

Sweetspot

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

192, 242, 181

239, 255, 235

242, 181, 191

117, 128, 115

0, 0, 0

128, 128, 128

Same Dimension

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

192, 242, 181

193, 255, 179

181, 242, 201

110, 120, 108

33, 184, 0

9, 56, 0

Inverse Universe

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

181, 189, 242

179, 189, 255

201, 181, 242

108, 110, 120

0, 24, 184

0, 8, 56

Previews

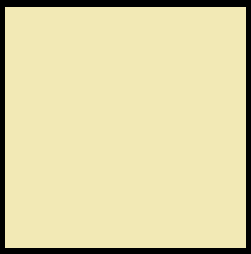
White Background

This preview shows how the RYB color 192, 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



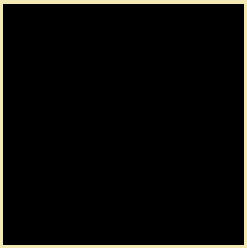
This preview shows how the RYB color 192, 242, 181 looks on a black background.

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 192, 242, 181 Background



This preview shows how black text looks on a background with the RYB color 192, 242, 181.

This preview shows how white text looks on a background with the RYB color 192, 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

Original Color
192, 242, 181

Protanopia
201, 247, 180

Deuteranopia
255, 241, 205

Tritanopia
250, 224, 242

Trichromacy

Original Color
192, 242, 181

Protanomaly
196, 245, 180

Deuteranomaly
233, 250, 196

Tritanomaly
247, 229, 220

Monochromacy

Original Color
192, 242, 181

Achromatopsia
230, 230, 230

Achromatomaly
215, 234, 212

CSS Examples

Text

The CSS property to change the color of the text to RYB 192, 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, 233, 181) looks like.

```
.text, #text, p{
    color:rgb(242, 233, 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, 233, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 233, 181) }
```

Border

The CSS property to change the border of an element to RYB 192, 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, 233, 181) }
```

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

```
.border{ border-color:rgb(242, 233, 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, 233, 181) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(242, 233, 181); -webkit-box-shadow:4px 4px 4px 4px rgb(242, 233, 181); box-shadow:4px 4px 4px 4px rgb(242, 233, 181) }
```

Background

The CSS property to change the background color of an element to RYB 192, 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, 233, 181) }
```

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

```
.background{ background-color:rgb(242,
233, 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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