

Converting Colors

`RYB(203, 231, 156)`

Have a look what the booklet for
RYB(203, 231, 156) contains.

RYB(203, 231, 156)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(203, 231, 156)

Conversions

Conversions Part 1

Format	Color
Hex	E7CA9C
RGB	231, 202, 156
RGB Percent	91%, 79%, 61%
CMY	0.0941, 0.2074, 0.3882
CMYK	0.00, 0.13, 0.32, 0.09
HSL	37°, 61%, 76%
HSV	37°, 32%, 91%
XYZ	60.1013, 61.6803, 40.1903
YIQ	205.4270, 32.0500, -8.1580

Conversions

Conversions Part 2

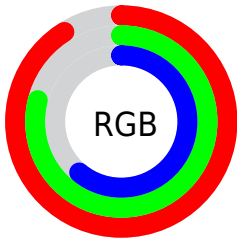
Format	Color
RYB	203, 231, 156
Decimal	15190684
CIELab	82.74, 3.54, 26.78
CIElCh	83, 27.014, 82.465
Yxy	61.6803, 0.3711, 0.3808
Android (android.graphics.Color)	4293380764 (0xFFE7CA9C)
YUV	205.4270, -24.3675, 22.4275
Hunter-Lab	78.5368, -0.8400, 24.6348

Details

The RYB color **203, 231, 156** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **156, 177, 231**, and the grayscale version is **206, 206, 206**.

A 20% lighter version of the original color is **211, 255, 211**, and **145, 174, 104** is the 20% darker color. If you saturate the color by 10%, you get **195, 231, 133**, and if you desaturate by 10%, it is **212, 231, 179**.

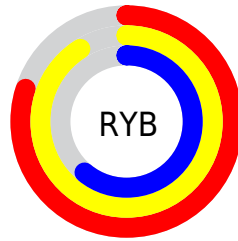
Distribution



Red (91%)

Green (79%)

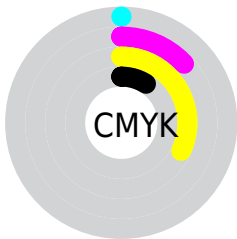
Blue (61%)



Red (80%)

Yellow (91%)

Blue (61%)

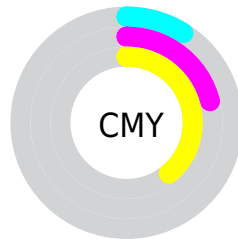


Cyan (0%)

Magenta (13%)

Yellow (32%)

Black (9%)



Cyan (9%)

Magenta (21%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the RYB color 203, 231, 156 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 203, 231, 156 by changing the saturation by 10% instead.

 203, 231, 156

255, 255, 255

 211, 255, 211


 239, 255, 239

 203, 231, 156


 173, 202, 130

 145, 174, 104


 120, 147, 80

 90, 120, 56

 66, 95, 34

 40, 70, 12

 25, 46, 0

 21, 11, 0

 0, 0, 0

■ 203, 231, 156

■ 203, 231, 156

■ 195, 231, 133

■ 212, 231, 179

■ 187, 231, 110

■ 220, 231, 202

■ 179, 231, 87

■ 228, 231, 225

■ 168, 231, 64

■ 231, 236, 248

■ 160, 231, 41

■ 231, 241, 255

■ 150, 231, 17

■ 231, 243, 255

■ 145, 231, 0

Harmonies

Analogous

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



250, 207, 167



203, 231, 156



159, 210, 164

Triad

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



203, 231, 156



134, 178, 224



233, 193, 237

Complementary

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



203, 231, 156



156, 177, 231

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.



202, 202, 253



203, 231, 156



140, 184, 245

Square

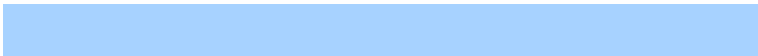
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



203, 231, 156



149, 191, 220



167, 196, 255



252, 188, 213

Rectangle

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



203, 231, 156



168, 215, 198



167, 196, 255



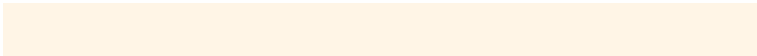
223, 196, 244

Sweetspot

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



203, 231, 156



247, 255, 230



231, 156, 186



122, 128, 112



0, 0, 0



128, 128, 128

Same Dimension

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



203, 231, 156



218, 255, 156



156, 231, 163



112, 115, 103



112, 179, 0



33, 51, 0

Inverse Universe

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



156, 177, 231



156, 183, 255



163, 156, 231



103, 107, 115



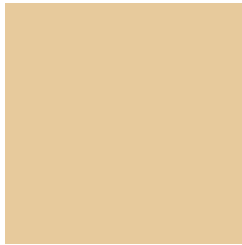
0, 50, 179



0, 14, 51

Previews

White Background



This preview shows how the RYB color 203, 231, 156 looks on a white background.

Color Contrast Check

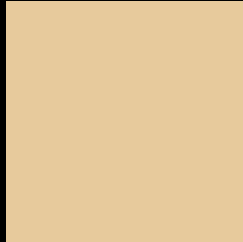
Large Text (above 18pt) WCAG AA × Fail

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 203, 231, 156 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

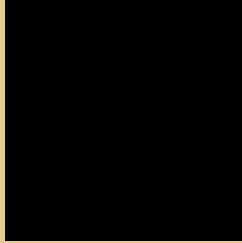
Any Text WCAG AA ✓ Pass

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 203, 231, 156 Background



This preview shows how black text looks on a background with the RYB color 203, 231, 156.



This preview shows how white text looks on a background with the RYB color 203, 231, 156.

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
203, 231, 156

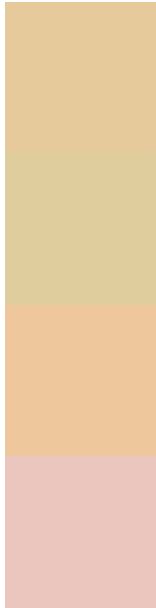
Protanopia
176, 220, 158

Deuteranopia
242, 236, 157



Tritanopia
237, 195, 210

Trichromacy



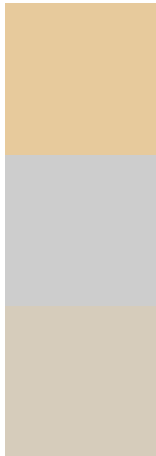
Original Color
203, 231, 156

Protanomaly
184, 224, 157

Deuteranomaly
232, 238, 157

Tritanomaly
235, 200, 190

Monochromacy



Original Color
203, 231, 156

Achromatopsia
205, 205, 205

Achromatomaly
203, 214, 187

CSS Examples

Text

The CSS property to change the color of the text to RYB 203, 231, 156 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(231, 202, 156)` looks like.

```
.text, #text, p{  
    color:rgb(231, 202, 156)  
}
```

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(231, 202, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 202, 156) }
```

Border

The CSS property to change the border of an element to RYB 203, 231, 156 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(231, 202, 156) }
```

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

```
.border{ border-color:rgb(231, 202, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 202, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 202, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 202, 156);  
box-shadow:4px 4px 4px 4px rgb(231, 202,  
156) }
```

Background

The CSS property to change the background color of an element to RGB 203, 231, 156 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 202, 156) }
```

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

```
.background{ background-color: rgb(231,  
202, 156) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor