

Converting Colors

`RYB(202, 235, 160)`

Have a look what the booklet for
RYB(202, 235, 160) contains.

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Color

R_YB(202, 235, 160)

Conversions

Conversions Part 1

Format	Color
Hex	EBD0A0
RGB	235, 208, 160
RGB Percent	92%, 82%, 63%
CMY	0.0784, 0.1840, 0.3725
CMYK	0.00, 0.11, 0.32, 0.08
HSL	38°, 65%, 77%
HSV	38°, 32%, 92%
XYZ	63.1807, 65.3495, 42.5414
YIQ	210.6010, 31.5000, -9.2040

Conversions

Conversions Part 2

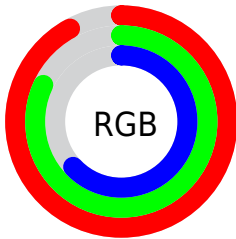
Format	Color
RYB	202, 235, 160
Decimal	15454368
CIELab	84.66, 2.47, 27.35
CIELCh	85, 27.458, 84.833
Yxy	65.3495, 0.3693, 0.3820
Android (android.graphics.Color)	4293644448 (0xFFEBD0A0)
YUV	210.6010, -24.9463, 21.3979
Hunter-Lab	80.8390, -1.9594, 25.3860

Details

The RYB color **202, 235, 160** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **160, 180, 235**, and the grayscale version is **211, 211, 211**.

A 20% lighter version of the original color is **215, 255, 215**, and **145, 178, 108** is the 20% darker color. If you saturate the color by 10%, you get **191, 235, 137**, and if you desaturate by 10%, it is **211, 235, 183**.

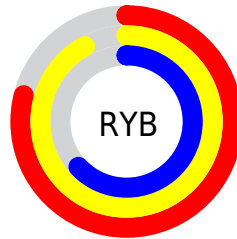
Distribution



Red (92%)

Green (82%)

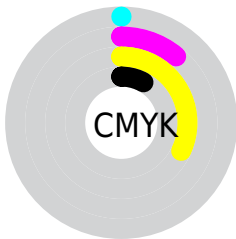
Blue (63%)



Red (79%)

Yellow (92%)

Blue (63%)

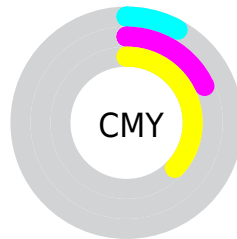


Cyan (0%)

Magenta (11%)

Yellow (32%)

Black (8%)



Cyan (8%)

Magenta (18%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the RYB color 202, 235, 160 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 202, 235, 160 by changing the saturation by 10% instead.

 202, 235, 160

 202, 235, 160

255, 255, 255


 172, 206, 134

 215, 255, 215

 145, 178, 108


 244, 255, 244

 118, 151, 83

 91, 124, 60

 65, 98, 37

 39, 73, 15

 21, 50, 0


 20, 25, 0

 0, 0, 0

 202, 235, 160


 202, 235, 160

 191, 235, 137


 211, 235, 183

 182, 235, 113


 223, 235, 207

 170, 235, 89


 235, 235, 231

 161, 235, 66

 235, 240, 254

 149, 235, 42

 235, 244, 255

 141, 235, 19

 235, 245, 255

 131, 235, 0

Harmonies

Analogous

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



255, 216, 170



202, 235, 160



164, 216, 172

Triad

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



202, 235, 160



137, 183, 232



241, 198, 242

Complementary

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



202, 235, 160



160, 180, 235

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.



210, 206, 255



202, 235, 160



145, 190, 253

Square

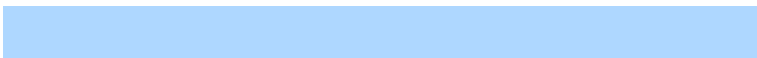
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



202, 235, 160



151, 194, 226



174, 201, 255



255, 193, 217

Rectangle

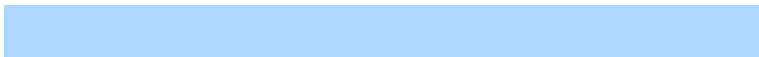
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



202, 235, 160



174, 221, 207



174, 201, 255



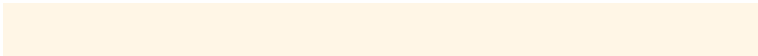
231, 200, 248

Sweetspot

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



202, 235, 160



244, 255, 230



235, 160, 188



122, 128, 112



0, 0, 0



128, 128, 128

Same Dimension

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



202, 235, 160



213, 255, 158



160, 235, 170



112, 117, 106



101, 181, 0



32, 54, 0

Inverse Universe

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



160, 180, 235



158, 184, 255



170, 160, 235



106, 109, 117



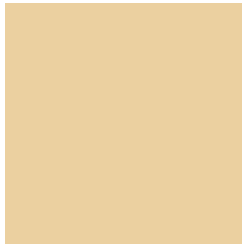
0, 48, 181



0, 14, 54

Previews

White Background



This preview shows how the RYB color 202, 235, 160 looks on a white background.

Color Contrast Check

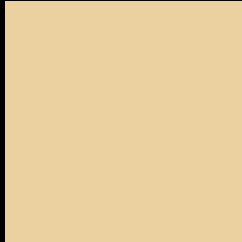
Large Text (above 18pt) WCAG AA × Fail

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 202, 235, 160 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

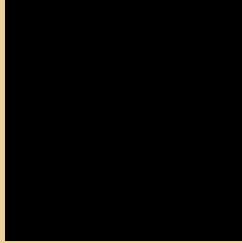
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

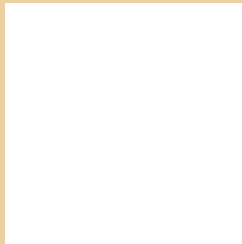
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 202, 235, 160 Background



This preview shows how black text looks on a background with the RYB color 202, 235, 160.



This preview shows how white text looks on a background with the RYB color 202, 235, 160.

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
202, 235, 160

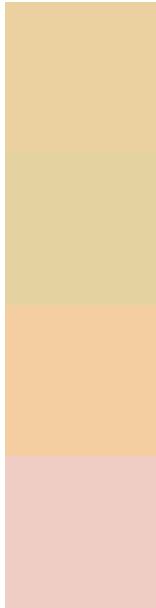
Protanopia
181, 226, 161

Deuteranopia
249, 241, 161



Tritanopia
241, 201, 216

Trichromacy



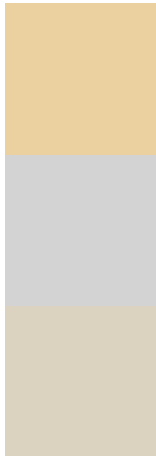
Original Color
202, 235, 160

Protanomaly
187, 229, 161

Deuteranomaly
235, 244, 161

Tritanomaly
239, 206, 196

Monochromacy



Original Color
202, 235, 160

Achromatopsia
211, 211, 211

Achromatomaly
208, 220, 192

CSS Examples

Text

The CSS property to change the color of the text to RYB 202, 235, 160 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(235, 208, 160)` looks like.

```
.text, #text, p{  
    color:rgb(235, 208, 160)  
}
```

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(235, 208, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 208, 160) }
```

Border

The CSS property to change the border of an element to RYB 202, 235, 160 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(235, 208, 160) }
```

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

```
.border{ border-color:rgb(235, 208, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 208, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 208, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 208, 160);  
box-shadow:4px 4px 4px 4px rgb(235, 208,  
160) }
```

Background

The CSS property to change the background color of an element to RGB 202, 235, 160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 208, 160) }
```

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

```
.background{ background-color: rgb(235,  
208, 160) }
```

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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