

Converting Colors

`RYB(202, 235, 162)`

Have a look what the booklet for
RYB(202, 235, 162) contains.

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Color

R_YB(202, 235, 162)

Conversions

Conversions Part 1

Format	Color
Hex	EBD1A2
RGB	235, 209, 162
RGB Percent	92%, 82%, 64%
CMY	0.0784, 0.1798, 0.3647
CMYK	0.00, 0.11, 0.31, 0.08
HSL	39°, 65%, 78%
HSV	39°, 31%, 92%
XYZ	63.6221, 65.9499, 43.5588
YIQ	211.4160, 30.5830, -9.1050

Conversions

Conversions Part 2

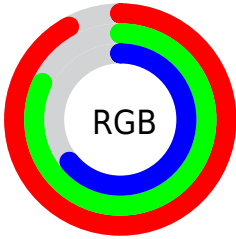
Format	Color
RYB	202, 235, 162
Decimal	15454626
CIELab	84.97, 2.16, 26.72
CIELCh	85, 26.807, 85.375
Yxy	65.9499, 0.3675, 0.3809
Android (android.graphics.Color)	4293644706 (0xFFEBD1A2)
YUV	211.4160, -24.3621, 20.6832
Hunter-Lab	81.2096, -2.2743, 25.0450

Details

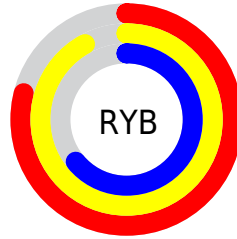
The RYB color **202, 235, 162** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **162, 181, 235**, and the grayscale version is **212, 212, 212**.

A 20% lighter version of the original color is **217, 255, 217**, and **145, 178, 110** is the 20% darker color. If you saturate the color by 10%, you get **192, 235, 139**, and if you desaturate by 10%, it is **214, 235, 186**.

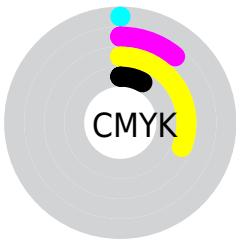
Distribution



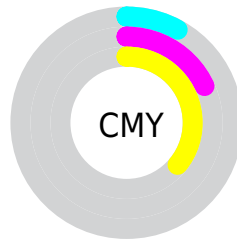
- Red (92%)
- Green (82%)
- Blue (64%)



- Red (79%)
- Yellow (92%)
- Blue (64%)



- Cyan (0%)
- Magenta (11%)
- Yellow (31%)
- Black (8%)



- Cyan (8%)
- Magenta (18%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the RYB color 202, 235, 162 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, 162 by changing the saturation by 10% instead.

 202, 235, 162

255, 255, 255

 217, 255, 217


 246, 255, 246

 202, 235, 162

 173, 206, 136

 145, 178, 110


 118, 151, 85

 92, 124, 62

 65, 98, 39

 39, 73, 17

 19, 50, 0

 19, 26, 0

 0, 0, 0

 202, 235, 162


 202, 235, 162

 192, 235, 139

 214, 235, 186

 180, 235, 115


 223, 235, 209

 171, 235, 92

 235, 235, 233

 159, 235, 68

 235, 240, 255

 148, 235, 45

 235, 244, 255

 139, 235, 21

 235, 245, 255

 128, 235, 0

Harmonies

Analogous

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



255, 218, 171



202, 235, 162



166, 217, 175

Triad

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



202, 235, 162



140, 185, 233



241, 199, 241

Complementary

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



202, 235, 162



162, 181, 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.



211, 207, 255



202, 235, 162



149, 192, 253

Square

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



202, 235, 162



154, 195, 226



177, 203, 255



255, 194, 217

Rectangle

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



202, 235, 162



176, 222, 209



177, 203, 255



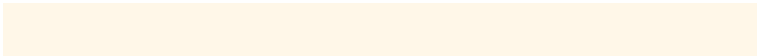
232, 201, 248

Sweetspot

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



202, 235, 162



244, 255, 232



235, 162, 189



121, 128, 113



0, 0, 0



128, 128, 128

Same Dimension

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



202, 235, 162



212, 255, 161



162, 235, 172



112, 117, 106



99, 181, 0



29, 54, 0

Inverse Universe

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



162, 181, 235



161, 185, 255



172, 162, 235



106, 109, 117



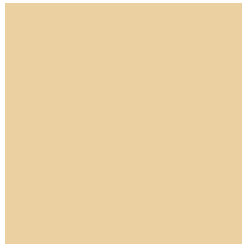
0, 47, 181



0, 14, 54

Previews

White Background



This preview shows how the RYB color 202, 235, 162 looks on a white background.

Color Contrast Check

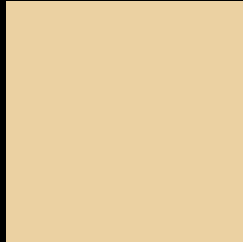
Large Text (above 18pt) WCAG AA × Fail

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, 162 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

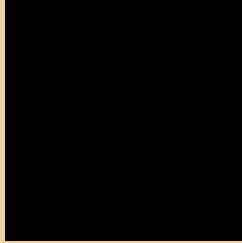
Any Text WCAG AA ✓ Pass

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, 162 Background



This preview shows how black text looks on a background with the RYB color 202, 235, 162.



This preview shows how white text looks on a background with the RYB color 202, 235, 162.

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, 162

Protanopia
183, 227, 163

Deuteranopia
249, 241, 163



Tritanopia
241, 202, 217

Trichromacy



Original Color

202, 235, 162

Protanomaly

190, 230, 163

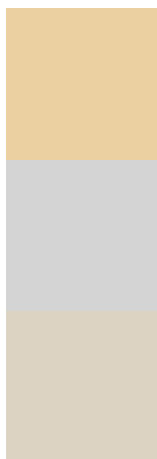
Deuteranomaly

235, 244, 163

Tritanomaly

239, 207, 197

Monochromacy



Original Color

202, 235, 162

Achromatopsia

212, 212, 212

Achromatomaly

208, 220, 194

CSS Examples

Text

The CSS property to change the color of the text to RYB 202, 235, 162 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, 209, 162) looks like.

```
.text, #text, p{  
    color:rgb(235, 209, 162)  
}
```

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, 209, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 209, 162) }
```

Border

The CSS property to change the border of an element to RYB 202, 235, 162 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, 209, 162) }
```

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

```
.border{ border-color:rgb(235, 209, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 209, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(235, 209, 162); -webkit-box-shadow:4px 4px 4px 4px rgb(235, 209, 162); box-shadow:4px 4px 4px 4px rgb(235, 209, 162) }
```

Background

The CSS property to change the background color of an element to RGB 202, 235, 162 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 209, 162) }
```

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

```
.background{ background-color: rgb(235,  
209, 162) }
```

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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