

Converting Colors

`RYB(200, 246, 162)`

Have a look what the booklet for
RYB(200, 246, 162) contains.

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Color

R_YB(200, 246, 162)

Conversions

Conversions Part 1

Format	Color
Hex	F6DCA2
RGB	246, 220, 162
RGB Percent	96%, 86%, 64%
CMY	0.0353, 0.1379, 0.3647
CMYK	0.00, 0.11, 0.34, 0.04
HSL	41°, 82%, 80%
HSV	41°, 34%, 96%
XYZ	70.0778, 73.3019, 44.6376
YIQ	221.1620, 34.1140, -12.5260

Conversions

Conversions Part 2

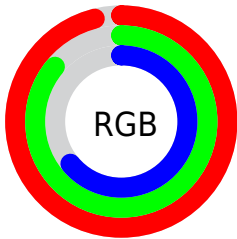
Format	Color
RYB	200, 246, 162
Decimal	16178338
CIELab	88.59, 0.88, 31.76
CIELCh	89, 31.768, 88.421
Yxy	73.3019, 0.3727, 0.3899
Android (android.graphics.Color)	4294368418 (0xFFFF6DCA2)
YUV	221.1620, -29.1669, 21.7829
Hunter-Lab	85.6165, -3.7251, 29.0197

Details

The RYB color **200, 246, 162** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **162, 182, 246**, and the grayscale version is **221, 221, 221**.

A 20% lighter version of the original color is **217, 255, 217**, and **144, 189, 110** is the 20% darker color. If you saturate the color by 10%, you get **186, 246, 137**, and if you desaturate by 10%, it is **215, 246, 187**.

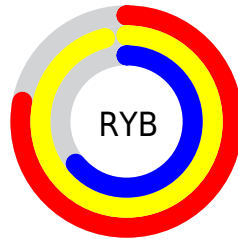
Distribution



Red (96%)

Green (86%)

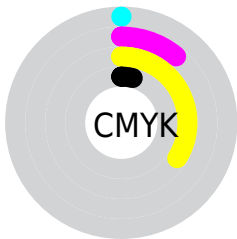
Blue (64%)



Red (78%)

Yellow (96%)

Blue (64%)

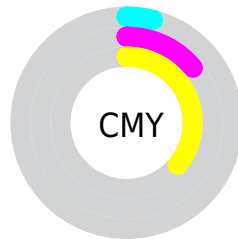


Cyan (0%)

Magenta (11%)

Yellow (34%)

Black (4%)



Cyan (4%)

Magenta (14%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the RYB color 200, 246, 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 200, 246, 162 by changing the saturation by 10% instead.


 200, 246, 162

255, 255, 255

 217, 255, 217


 246, 255, 246


 200, 246, 162

 171, 217, 135

 144, 189, 110

 116, 161, 85

 90, 134, 61

 62, 107, 38

 36, 82, 15

 18, 58, 0

 12, 33, 0

 0, 0, 0

■ 200, 246, 162

■ 200, 246, 162

■ 186, 246, 137

■ 215, 246, 187

■ 172, 246, 113

■ 227, 246, 211

■ 159, 246, 88

■ 240, 246, 236

■ 147, 246, 64

■ 246, 249, 255

■ 132, 246, 39

■ 246, 251, 255

■ 118, 246, 14

■ 112, 246, 0

Harmonies

Analogous

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



255, 242, 172



200, 246, 162



169, 229, 184

Triad

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



200, 246, 162



132, 188, 250



255, 206, 255

Complementary

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



200, 246, 162



162, 182, 246

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.



225, 215, 255



200, 246, 162



145, 194, 255

Square

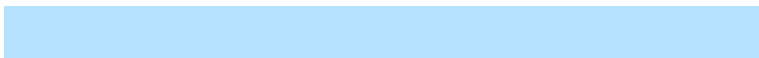
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



200, 246, 162



148, 199, 239



182, 209, 255



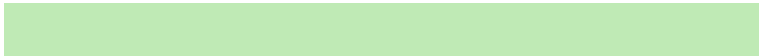
255, 200, 225

Rectangle

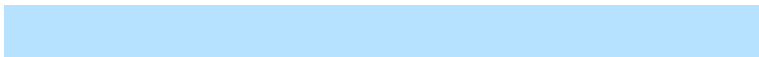
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



200, 246, 162



181, 234, 224



182, 209, 255



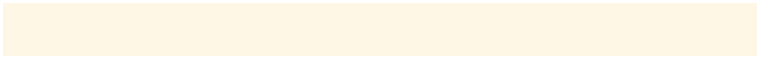
250, 208, 255

Sweetspot

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



200, 246, 162



242, 255, 230



246, 162, 189



119, 128, 112



0, 0, 0



128, 128, 128

Same Dimension

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



200, 246, 162



198, 255, 150



162, 246, 177



114, 122, 110



84, 186, 0



28, 59, 0

Inverse Universe

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



162, 182, 246



150, 175, 255



177, 162, 246



110, 113, 122



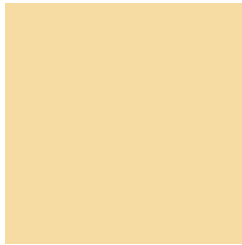
0, 44, 186



0, 14, 59

Previews

White Background



This preview shows how the RYB color 200, 246, 162 looks on a white background.

Color Contrast Check

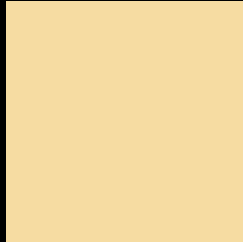
Large Text (above 18pt) WCAG AA × Fail

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 200, 246, 162 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

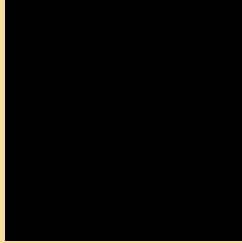
Any Text WCAG AA ✓ Pass

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 200, 246, 162 Background



This preview shows how black text looks on a background with the RYB color 200, 246, 162.



This preview shows how white text looks on a background with the RYB color 200, 246, 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
200, 246, 162

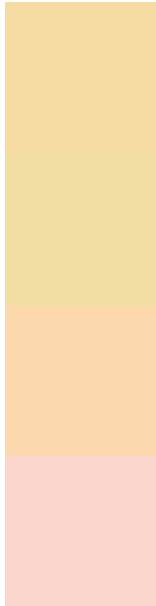
Protanopia
185, 239, 163

Deuteranopia
255, 249, 178



Tritanopia
253, 211, 228

Trichromacy



Original Color

200, 246, 162

Protanomaly

192, 242, 163

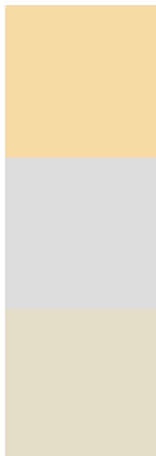
Deuteranomaly

234, 252, 172

Tritanomaly

250, 217, 204

Monochromacy



Original Color

200, 246, 162

Achromatopsia

221, 221, 221

Achromatomaly

213, 230, 200

CSS Examples

Text

The CSS property to change the color of the text to RYB 200, 246, 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(246, 220, 162)` looks like.

```
.text, #text, p{  
    color:rgb(246, 220, 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(246, 220, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 220, 162) }
```

Border

The CSS property to change the border of an element to RYB 200, 246, 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(246, 220, 162) }
```

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

```
.border{ border-color:rgb(246, 220, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 220, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 220, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 220, 162);  
box-shadow:4px 4px 4px 4px rgb(246, 220,  
162) }
```

Background

The CSS property to change the background color of an element to RYB 200, 246, 162 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 220, 162) }
```

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

```
.background{ background-color: rgb(246,  
220, 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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