

Converting Colors

`RYB(185, 207, 142)`

Have a look what the booklet for
RYB(185, 207, 142) contains.

RYB(185, 207, 142)	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(185, 207, 142)

Conversions

Conversions Part 1

Format	Color
Hex	CFB58E
RGB	207, 181, 142
RGB Percent	81%, 71%, 56%
CMY	0.1882, 0.2897, 0.4431
CMYK	0.00, 0.13, 0.31, 0.19
HSL	36°, 40%, 68%
HSV	36°, 31%, 81%
XYZ	47.1630, 48.3151, 32.4312
YIQ	184.3280, 28.0150, -6.6170

Conversions

Conversions Part 2

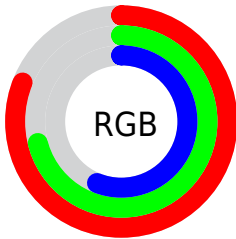
Format	Color
RYB	185, 207, 142
Decimal	13612430
CIELab	75.02, 3.50, 23.37
CIELCh	75, 23.631, 81.476
Yxy	48.3151, 0.3687, 0.3777
Android (android.graphics.Color)	4291802510 (0xFFCFB58E)
YUV	184.3280, -20.8677, 19.8833
Hunter-Lab	69.5091, -0.5259, 20.9931

Details

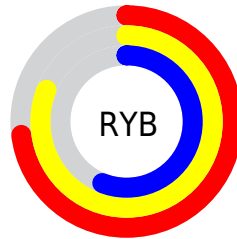
The RYB color **185, 207, 142** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **142, 161, 207**, and the grayscale version is **185, 185, 185**.

A 20% lighter version of the original color is **222, 255, 196**, and **131, 152, 91** is the 20% darker color. If you saturate the color by 10%, you get **177, 207, 121**, and if you desaturate by 10%, it is **193, 207, 163**.

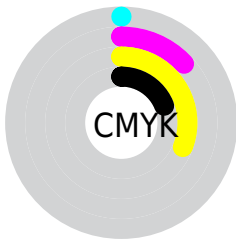
Distribution



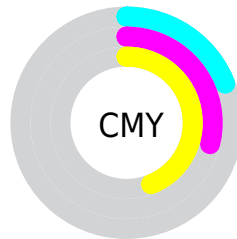
- Red (81%)
- Green (71%)
- Blue (56%)



- Red (73%)
- Yellow (81%)
- Blue (56%)



- Cyan (0%)
- Magenta (13%)
- Yellow (31%)
- Black (19%)



- Cyan (19%)
- Magenta (29%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the RYB color 185, 207, 142 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 185, 207, 142 by changing the saturation by 10% instead.

 185, 207, 142

255, 255, 255


 222, 255, 196


 224, 255, 224

253, 255, 253

 185, 207, 142

 157, 179, 116

 131, 152, 91

 104, 125, 68

 77, 99, 45

 49, 74, 23

 23, 51, 0

 28, 28, 0

 0, 0, 0

 185, 207, 142

 185, 207, 142

177, 207, 121

193, 207, 163

171, 207, 101

197, 207, 183

165, 207, 80

206, 207, 204

157, 207, 59

207, 212, 225

150, 207, 39

207, 218, 245

142, 207, 18

207, 223, 255

136, 207, 0

207, 226, 255

207, 229, 255

207, 231, 255

Harmonies

Analogous

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



223, 184, 152



185, 207, 142



144, 188, 147

Triad

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



185, 207, 142



124, 161, 200



207, 174, 212

Complementary

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



185, 207, 142



142, 161, 207

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.



180, 181, 225



185, 207, 142



129, 167, 218

Square

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



185, 207, 142



137, 173, 197



151, 176, 227



224, 170, 192

Rectangle

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



185, 207, 142



152, 192, 176



151, 176, 227



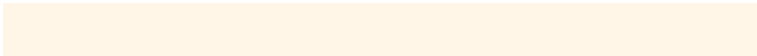
199, 176, 217

Sweetspot

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



185, 207, 142



247, 255, 232



207, 142, 168



123, 128, 113



0, 0, 0



128, 128, 128

Same Dimension

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



185, 207, 142



223, 255, 158



142, 207, 148



103, 105, 94



111, 168, 0



26, 41, 0

Inverse Universe

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



142, 161, 207



158, 186, 255



148, 142, 207



94, 97, 105



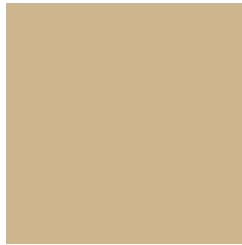
0, 48, 168



0, 12, 41

Previews

White Background



This preview shows how the RYB color 185, 207, 142 looks on a white background.

Color Contrast Check

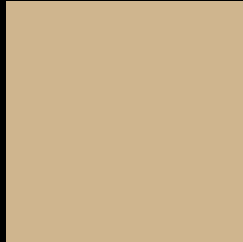
Large Text (above 18pt) WCAG AA × Fail

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 185, 207, 142 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

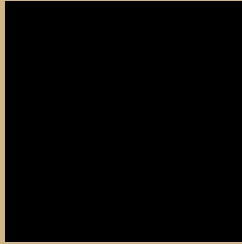
Any Text WCAG AA ✓ Pass

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 185, 207, 142 Background



This preview shows how black text looks on a background with the RYB color 185, 207, 142.



This preview shows how white text looks on a background with the RYB color 185, 207, 142.

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
185, 207, 142

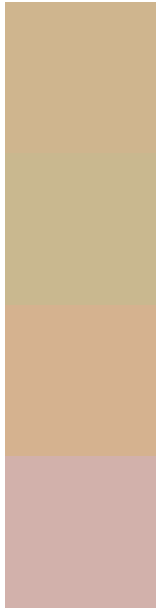
Protanopia
160, 197, 144

Deuteranopia
217, 206, 143



Tritanopia
212, 175, 188

Trichromacy



Original Color

185, 207, 142

Protanomaly

167, 201, 143

Deuteranomaly

213, 213, 143

Tritanomaly

210, 178, 171

Monochromacy



Original Color

185, 207, 142

Achromatopsia

184, 184, 184

Achromatomaly

184, 192, 169

CSS Examples

Text

The CSS property to change the color of the text to RYB 185, 207, 142 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(207, 181, 142) looks like.

```
.text, #text, p{  
    color:rgb(207, 181, 142)  
}
```

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(207, 181, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 181, 142) }
```

Border

The CSS property to change the border of an element to RYB 185, 207, 142 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(207, 181, 142) }
```

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

```
.border{ border-color:rgb(207, 181, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 181, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 181, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 181, 142);  
box-shadow:4px 4px 4px 4px rgb(207, 181,  
142) }
```

Background

The CSS property to change the background color of an element to RYB 185, 207, 142 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 181, 142) }
```

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

```
.background{ background-color: rgb(207,  
181, 142) }
```

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