Converting Colors

RYB(180, 210, 148)

Have a look what the booklet for RYB(180, 210, 148) contains.

Color

RYB(180, 210, 148)

Conversions

Conversions Part 1

Format	Color
Hex	D2BD94
RGB	210, 189, 148
RGB Percent	82%, 74%, 58%
CMY	0.1765, 0.2592, 0.4196
CMYK	0.00, 0.10, 0.30, 0.18
HSL	40°, 41%, 70%
HSV	40°, 30%, 82%
XYZ	50.0984, 52.1892, 35.4500
YIQ	190.6050, 25.6770, -8.2990

Conversions

Conversions Part 2

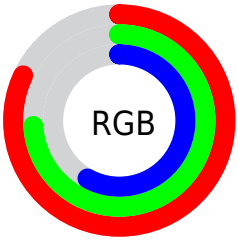
Format	Color
RYB	180, 210, 148
Decimal	13811092
CIELab	77.39, 1.33, 23.44
CIELCh	77, 23.473, 86.747
Yxy	52.1892, 0.3637, 0.3789
Android (android.graphics.Color)	4292001172 (0xFFD2BD94)
YUV	190.6050, -21.0043, 17.0094
Hunter-Lab	72.2421, -2.6377, 21.4752

Details

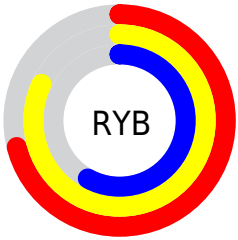
The RYB color 180, 210, 148 is a light color, and the websafe version is hex CCCC99. A complement of this color would be 148, 164, 210, and the grayscale version is 191, 191, 191.

A 20% lighter version of the original color is 214, 255, 202, and 125, 155, 97 is the 20% darker color. If you saturate the color by 10%, you get 169, 210, 127, and if you desaturate by 10%, it is 190, 210, 169.

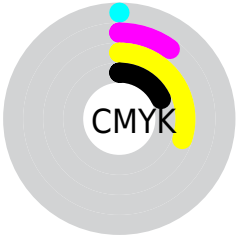
Distribution



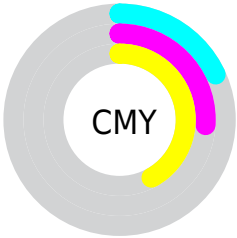
- Red (82%)
- Green (74%)
- Blue (58%)



- Red (71%)
- Yellow (82%)
- Blue (58%)



- Cyan (0%)
- Magenta (10%)
- Yellow (30%)
- Black (18%)



- Cyan (18%)
- Magenta (26%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the RYB color 180, 210, 148 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 180, 210, 148 by changing the saturation by 10% instead.

180, 210, 148

255, 255, 255

214, 255, 202

230, 255, 230

180, 210, 148

152, 182, 122

125, 155, 97

100, 128, 73

73, 102, 50

48, 77, 28

22, 54, 4

15, 31, 0

0, 0, 0

180, 210, 148

180, 210, 148

169, 210, 127

159, 210, 106

151, 210, 85

140, 210, 64

130, 210, 43

119, 210, 22

109, 210, 1

107, 210, 0

190, 210, 169

201, 210, 190

210, 210, 211

210, 215, 232

210, 221, 253

210, 225, 255

210, 228, 255

210, 230, 255

210, 232, 255

Harmonies

Analogous

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

228, 197, 156

180, 210, 148

152, 196, 161

Triad

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

180, 210, 148

130, 168, 210

217, 180, 215

Complementary

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

180, 210, 148

148, 164, 210

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.

192, 186, 230

180, 210, 148

138, 175, 227

Square

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

180, 210, 148

140, 176, 203

162, 184, 234

233, 176, 194

Rectangle

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

180, 210, 148

161, 199, 190

162, 184, 234

210, 182, 221

Sweetspot

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

180, 210, 148

244, 255, 232

210, 148, 170

121, 128, 113

0, 0, 0

128, 128, 128

Same Dimension

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

180, 210, 148

211, 255, 166

148, 210, 157

100, 105, 94

86, 168, 0

21, 41, 0

Inverse Universe

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

148, 164, 210

166, 188, 255

157, 148, 210

94, 97, 105

0, 43, 168

0, 10, 41

Previews

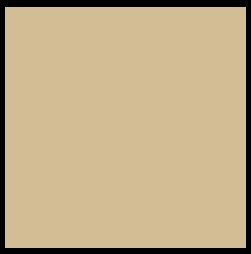
White Background

This preview shows how the RYB color 180, 210, 148 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



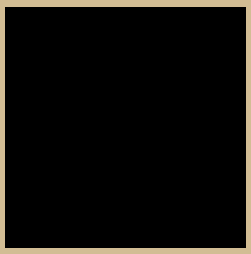
This preview shows how the RYB color 180, 210, 148 looks on a black background.

Color Contrast Check

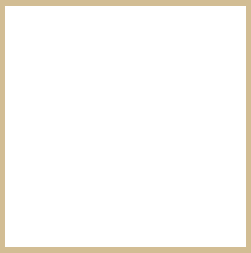
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the Color Contrast Checker.

RYB 180, 210, 148 Background



This preview shows how black text looks on a background with the RYB color 180, 210, 148.

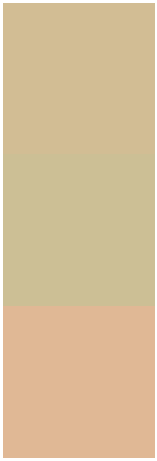


This preview shows how white text looks on a background with the RYB color 180, 210, 148.

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



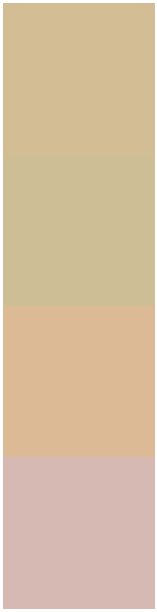
Original Color
180, 210, 148

Protanopia
166, 204, 149

Deuteranopia
224, 215, 149

Tritanopia
216, 182, 197

Trichromacy



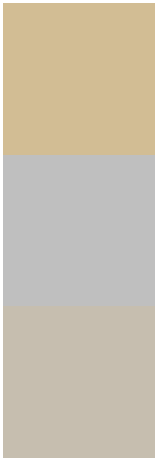
Original Color
180, 210, 148

Protanomaly
171, 206, 149

Deuteranomaly
211, 219, 149

Tritanomaly
214, 186, 179

Monochromacy



Original Color
180, 210, 148

Achromatopsia
191, 191, 191

Achromatomaly
187, 198, 175

CSS Examples

Text

The CSS property to change the color of the text to RYB 180, 210, 148 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(210, 189, 148) looks like.

```
.text, #text, p{
    color:rgb(210, 189, 148)
}
```

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(210, 189, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 189, 148) }
```

Border

The CSS property to change the border of an element to RYB 180, 210, 148 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(210, 189, 148) }
```

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

```
.border{ border-color:rgb(210, 189, 148) }
```

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

Here you see how a box with a 4 pixel rgb(210, 189, 148) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(210, 189, 148); -webkit-box-shadow:4px 4px 4px 4px rgb(210, 189, 148); box-shadow:4px 4px 4px 4px rgb(210, 189, 148) }
```

Background

The CSS property to change the background color of an element to RYB 180, 210, 148 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(210, 189, 148) }
```

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

```
.background{ background-color:rgb(210,
189, 148) }
```

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