Converting Colors

RYB(190, 214, 138)

Have a look what the booklet for RYB(190, 214, 138) contains.

Color

RYB(190, 214, 138)

Conversions

Conversions Part 1

Format	Color
Hex	D6B78A
RGB	214, 183, 138
RGB Percent	84%, 72%, 54%
CMY	0.1608, 0.2819, 0.4588
CMYK	0.00, 0.14, 0.36, 0.16
HSL	36°, 48%, 69%
HSV	36°, 36%, 84%
XYZ	49.2783, 50.0497, 31.1081
YIQ	187.1390, 32.9210, -7.4230

Conversions

Conversions Part 2

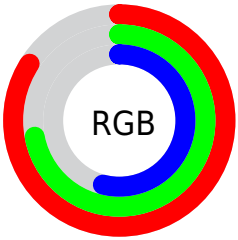
Format	Color
RYB	190, 214, 138
Decimal	14071690
CIELab	76.10, 4.69, 27.07
CIELCh	76, 27.472, 80.161
Yxy	50.0497, 0.3778, 0.3837
Android (android.graphics.Color)	4292261770 (0xFFD6B78A)
YUV	187.1390, -24.2255, 23.5571
Hunter-Lab	70.7458, 0.5298, 23.4513

Details

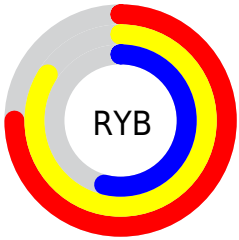
The RYB color 190, 214, 138 is a light color, and the websafe version is hex FFCC99. A complement of this color would be 138, 160, 214, and the grayscale version is 187, 187, 187.

A 20% lighter version of the original color is 213, 255, 192, and 135, 158, 88 is the 20% darker color. If you saturate the color by 10%, you get 185, 214, 117, and if you desaturate by 10%, it is 196, 214, 159.

Distribution

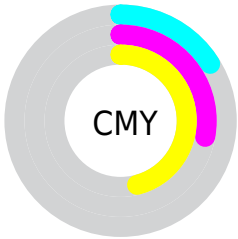


- Red (84%)
- Green (72%)
- Blue (54%)



- Red (75%)
- Yellow (84%)
- Blue (54%)

- Cyan (0%)
- Magenta (14%)
- Yellow (36%)
- Black (16%)



- Cyan (16%)
- Magenta (28%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the RYB color 190, 214, 138 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 190, 214, 138 by changing the saturation by 10% instead.

190, 214, 138

255, 255, 255

213, 255, 192

220, 255, 220

248, 255, 248

190, 214, 138

162, 186, 112

135, 158, 88

106, 131, 64

79, 105, 41

51, 79, 19

29, 56, 0

32, 32, 0

0, 0, 0

190, 214, 138

190, 214, 138

185, 214, 117

175, 214, 95

170, 214, 74

163, 214, 52

155, 214, 31

150, 214, 10

147, 214, 0

196, 214, 159

202, 214, 181

211, 214, 202

214, 217, 224

214, 223, 245

214, 228, 255

214, 231, 255

214, 234, 255

214, 235, 255

Harmonies

Analogous

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

232, 186, 150

190, 214, 138

140, 191, 143

Triad

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

190, 214, 138

114, 158, 204

212, 176, 220

Complementary

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

190, 214, 138

138, 160, 214

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, 184, 235

190, 214, 138

118, 164, 226

Square

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

190, 214, 138

132, 173, 201

145, 177, 237

233, 170, 197

Rectangle

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

190, 214, 138

148, 196, 175

145, 177, 237

202, 178, 226

Sweetspot

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

190, 214, 138

245, 255, 227

214, 138, 170

123, 128, 111

0, 0, 0

128, 128, 128

Same Dimension

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

190, 214, 138

221, 255, 145

138, 214, 144

102, 107, 96

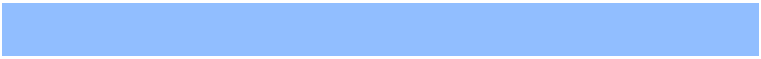
119, 171, 0

28, 43, 0

Inverse Universe

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

138, 160, 214



145, 177, 255

144, 138, 214

96, 99, 107

0, 49, 171

0, 13, 43

Previews

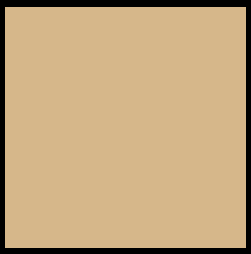
White Background

This preview shows how the RYB color 190, 214, 138 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



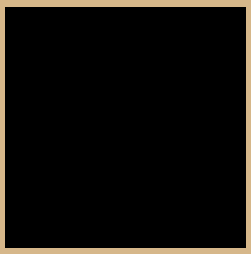
This preview shows how the RYB color 190, 214, 138 looks on a black background.

Color Contrast Check

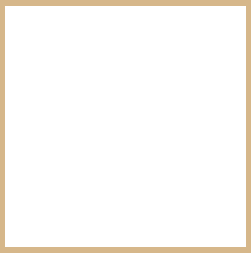
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✓ Pass

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

RYB 190, 214, 138 Background



This preview shows how black text looks on a background with the RYB color 190, 214, 138.



This preview shows how white text looks on a background with the RYB color 190, 214, 138.

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

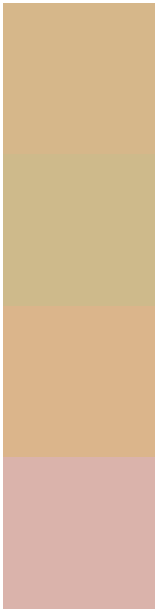
Original Color
190, 214, 138

Protanopia
157, 201, 140

Deuteranopia
222, 220, 139

Tritanopia
220, 176, 190

Trichromacy



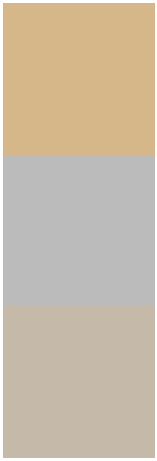
Original Color
190, 214, 138

Protanomaly
168, 206, 139

Deuteranomaly
211, 219, 139

Tritanomaly
218, 181, 171

Monochromacy



Original Color
190, 214, 138

Achromatopsia
187, 187, 187

Achromatomaly
187, 197, 169

CSS Examples

Text

The CSS property to change the color of the text to RYB 190, 214, 138 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(214, 183, 138) looks like.

```
.text, #text, p{
    color:rgb(214, 183, 138)
}
```

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(214, 183, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 183, 138) }
```

Border

The CSS property to change the border of an element to RYB 190, 214, 138 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(214, 183, 138) }
```

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

```
.border{ border-color:rgb(214, 183, 138) }
```

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

Here you see how a box with a 4 pixel rgb(214, 183, 138) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(214, 183, 138); -webkit-box-shadow:4px 4px 4px 4px rgb(214, 183, 138); box-shadow:4px 4px 4px 4px rgb(214, 183, 138) }
```

Background

The CSS property to change the background color of an element to RYB 190, 214, 138 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(214, 183, 138) }
```

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

```
.background{ background-color:rgb(214,
183, 138) }
```

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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