

Converting Colors

`RYB(170, 210, 140)`

Have a look what the booklet for
RYB(170, 210, 140) contains.

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Color

$\text{RYB}(170, 210, 140)$

Conversions

Conversions Part 1

Format	Color
Hex	D2BD8C
RGB	210, 189, 140
RGB Percent	82%, 74%, 55%
CMY	0.1765, 0.2588, 0.4510
CMYK	0.00, 0.10, 0.33, 0.18
HSL	42°, 44%, 69%
HSV	42°, 33%, 82%
XYZ	49.5096, 51.9903, 32.2366
YIQ	189.6930, 28.2450, -10.7870

Conversions

Conversions Part 2

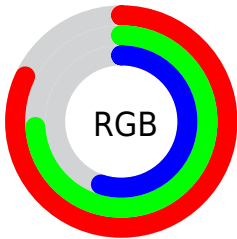
Format	Color
R_{YB}	170, 210, 140
Decimal	13811084
CIE _{Lab}	77.28, 0.26, 27.52
CIE _{LCh}	77, 27.521, 89.468
Yxy	51.9903, 0.3702, 0.3888
Android (android.graphics.Color)	4292001164 (0xFFD2BD8C)
YUV	189.6930, -24.4986, 17.8092
Hunter-Lab	72.1043, -3.6176, 23.9654

Details

The RYB color **170, 210, 140** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **140, 156, 210**, and the grayscale version is **190, 190, 190**.

A 20% lighter version of the original color is **206, 255, 194**, and **114, 154, 89** is the 20% darker color. If you saturate the color by 10%, you get **157, 210, 119**, and if you desaturate by 10%, it is **183, 210, 161**.

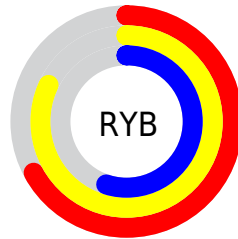
Distribution



Red (82%)

Green (74%)

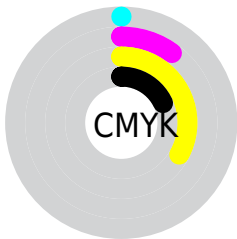
Blue (55%)



Red (67%)

Yellow (82%)

Blue (55%)

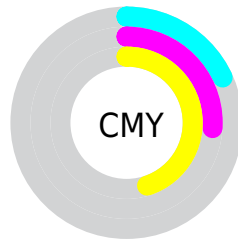


Cyan (0%)

Magenta (10%)

Yellow (33%)

Black (18%)



Cyan (18%)

Magenta (26%)

Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the RYB color 170, 210, 140 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 170, 210, 140 by changing the saturation by 10% instead.

 170, 210, 140

 170, 210, 140

255, 255, 255

 142, 182, 114

 206, 255, 194

 114, 154, 89

 222, 255, 222

 88, 128, 65

 251, 255, 251

 65, 102, 43

 39, 77, 20

 16, 53, 0

 11, 29, 0

 0, 0, 0

 170, 210, 140

 170, 210, 140

■ 157, 210, 119

■ 183, 210, 161

■ 147, 210, 98

■ 193, 210, 182

■ 134, 210, 77

■ 206, 210, 203

■ 122, 210, 56

■ 210, 213, 224

■ 109, 210, 35

■ 210, 218, 245

■ 98, 210, 14

■ 210, 222, 255

■ 90, 210, 0

■ 210, 225, 255

■ 210, 228, 255

■ 210, 230, 255

Harmonies

Analogous

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



231, 203, 148



170, 210, 140



146, 197, 160

Triad

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



170, 210, 140



115, 162, 215



223, 176, 217

Complementary

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



170, 210, 140



140, 156, 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.



194, 184, 235



170, 210, 140



128, 171, 234

Square

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



170, 210, 140



128, 171, 205



159, 183, 241



240, 172, 192

Rectangle

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



170, 210, 140



157, 201, 195



159, 183, 241



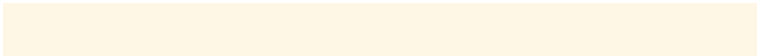
215, 179, 224

Sweetspot

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



170, 210, 140



242, 255, 230



210, 140, 161



119, 128, 112



0, 0, 0



128, 128, 128

Same Dimension

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



170, 210, 140



198, 255, 153



140, 210, 154



100, 105, 94



71, 168, 0



17, 41, 0

Inverse Universe

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



140, 156, 210



153, 177, 255



154, 140, 210



94, 96, 105



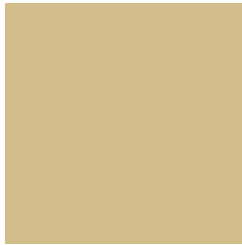
0, 39, 168



0, 9, 41

Previews

White Background



This preview shows how the RYB color 170, 210, 140 looks on a white background.

Color Contrast Check

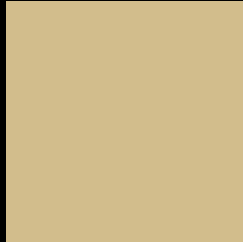
Large Text (above 18pt) WCAG AA × Fail

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 170, 210, 140 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

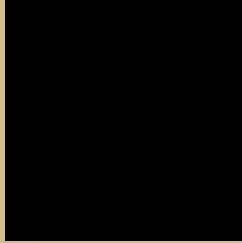
Any Text WCAG AA ✓ Pass

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 170, 210, 140 Background



This preview shows how black text looks on a background with the RYB color 170, 210, 140.



This preview shows how white text looks on a background with the RYB color 170, 210, 140.

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
170, 210, 140

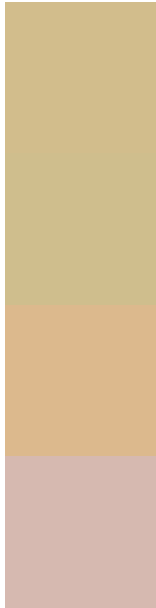
Protanopia
159, 205, 141

Deuteranopia
226, 224, 141



Tritanopia
216, 182, 196

Trichromacy



Original Color

170, 210, 140

Protanomaly

164, 207, 141

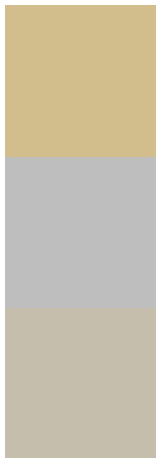
Deuteranomaly

204, 220, 141

Tritanomaly

214, 188, 176

Monochromacy



Original Color

170, 210, 140

Achromatopsia

190, 190, 190

Achromatomaly

182, 197, 172

CSS Examples

Text

The CSS property to change the color of the text to RYB 170, 210, 140 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, 140)` looks like.

```
.text, #text, p{  
    color:rgb(210, 189, 140)  
}
```

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, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 189, 140) }
```

Border

The CSS property to change the border of an element to RYB 170, 210, 140 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, 140) }
```

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

```
.border{ border-color:rgb(210, 189, 140) }
```

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, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 189, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 189, 140);  
box-shadow:4px 4px 4px 4px rgb(210, 189,  
140) }
```

Background

The CSS property to change the background color of an element to RGB 210, 189, 140 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, 140) }
```

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

```
.background{ background-color: rgb(210,  
189, 140) }
```

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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