

Converting Colors

`RYB(143, 210, 130)`

Have a look what the booklet for
RYB(143, 210, 130) contains.

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Color

$\text{RYB}(143, 210, 130)$

Conversions

Conversions Part 1

Format	Color
Hex	D2C782
RGB	210, 199, 130
RGB Percent	82%, 78%, 51%
CMY	0.1765, 0.2203, 0.4902
CMYK	0.00, 0.05, 0.38, 0.18
HSL	52°, 47%, 67%
HSV	52°, 38%, 82%
XYZ	50.9890, 56.0761, 29.2555
YIQ	194.4230, 28.7050, -19.1270

Conversions

Conversions Part 2

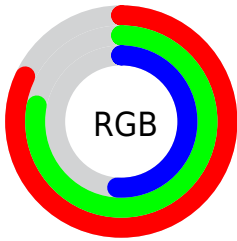
Format	Color
RYB	143, 210, 130
Decimal	13813634
CIELab	79.66, -6.04, 35.87
CIELCh	80, 36.375, 99.564
Yxy	56.0761, 0.3740, 0.4114
Android (android.graphics.Color)	4292003714 (0xFFD2C782)
YUV	194.4230, -31.7605, 13.6610
Hunter-Lab	74.8840, -9.5052, 29.2555

Details

The RYB color **143, 210, 130** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **130, 140, 210**, and the grayscale version is **195, 195, 195**.

A 20% lighter version of the original color is **184, 255, 184**, and **89, 154, 79** is the 20% darker color. If you saturate the color by 10%, you get **125, 210, 109**, and if you desaturate by 10%, it is **160, 210, 151**.

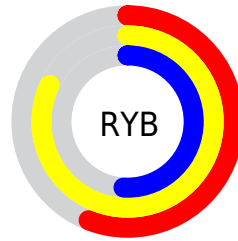
Distribution



Red (82%)

Green (78%)

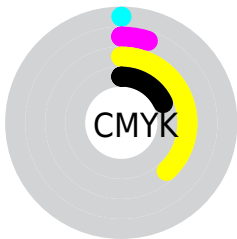
Blue (51%)



Red (56%)

Yellow (82%)

Blue (51%)

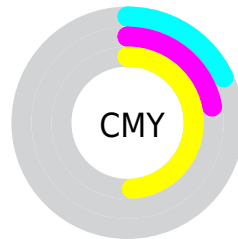


Cyan (0%)

Magenta (5%)

Yellow (38%)

Black (18%)



Cyan (18%)

Magenta (22%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the RYB color 143, 210, 130 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 143, 210, 130 by changing the saturation by 10% instead.

 143, 210, 130

255, 255, 255

 184, 255, 184


 212, 255, 212


 240, 255, 240


 143, 210, 130

 115, 182, 104

 89, 154, 79

 63, 127, 55

 39, 101, 32

 11, 76, 6

 3, 52, 0

 0, 28, 0


 0, 0, 0

 143, 210, 130

 143, 210, 130

 125, 210, 109

 160, 210, 151

 108, 210, 88

 178, 210, 172

 90, 210, 67

 195, 210, 193

 73, 210, 46

 210, 211, 214

 55, 210, 25

 210, 213, 235

 38, 210, 4

 210, 215, 255

 34, 210, 0

 210, 218, 255

 210, 219, 255

 210, 221, 255

Harmonies

Analogous

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



241, 237, 135



143, 210, 130



144, 208, 179

Triad

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



143, 210, 130



82, 154, 239



249, 175, 222

Complementary

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



143, 210, 130



130, 140, 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.



216, 185, 250



143, 210, 130



116, 171, 255

Square

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



143, 210, 130



95, 158, 216



168, 190, 255



255, 172, 188

Rectangle

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



143, 210, 130



146, 200, 213



168, 190, 255



240, 178, 232

Sweetspot

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



143, 210, 130



232, 255, 227



210, 130, 142



115, 128, 111



0, 0, 0



128, 128, 128

Same Dimension

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



143, 210, 130



157, 255, 138



130, 210, 158



96, 105, 94



27, 168, 0



7, 41, 0

Inverse Universe

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



130, 140, 210



138, 152, 255



158, 130, 210



94, 96, 105



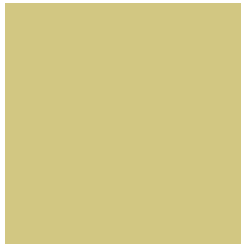
0, 21, 168



0, 5, 41

Previews

White Background



This preview shows how the RYB color 143, 210, 130 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 143, 210, 130 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

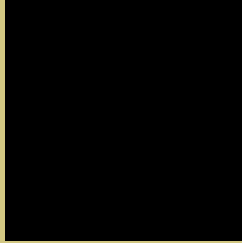
Any Text WCAG AA ✓ Pass

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 143, 210, 130 Background



This preview shows how black text looks on a background with the RYB color 143, 210, 130.



This preview shows how white text looks on a background with the RYB color 143, 210, 130.

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
143, 210, 130

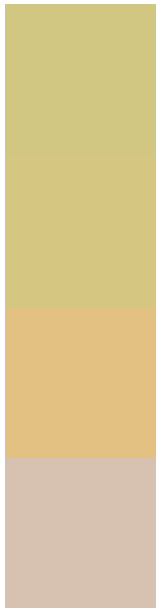
Protanopia
150, 214, 129

Deuteranopia
220, 237, 132



Tritanopia
218, 190, 204

Trichromacy



Original Color
143, 210, 130

Protanomaly
147, 213, 129

Deuteranomaly
184, 227, 131

Tritanomaly
215, 205, 177

Monochromacy



Original Color
143, 210, 130

Achromatopsia
194, 194, 194

Achromatomaly
176, 200, 171

CSS Examples

Text

The CSS property to change the color of the text to RYB 143, 210, 130 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, 199, 130)` looks like.

```
.text, #text, p{  
    color:rgb(210, 199, 130)  
}
```

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, 199, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 199, 130) }
```

Border

The CSS property to change the border of an element to RYB 143, 210, 130 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, 199, 130) }
```

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

```
.border{ border-color:rgb(210, 199, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 199, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 199, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 199, 130);  
box-shadow:4px 4px 4px 4px rgb(210, 199,  
130) }
```

Background

The CSS property to change the background color of an element to RYB 143, 210, 130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 199, 130) }
```

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

```
.background{ background-color: rgb(210,  
199, 130) }
```

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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