

Converting Colors

`RYB(140, 210, 122)`

Have a look what the booklet for
RYB(140, 210, 122) contains.

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Color

$\text{RYB}(140, 210, 122)$

Conversions

Conversions Part 1

Format	Color
Hex	D2C37A
RGB	210, 195, 122
RGB Percent	82%, 76%, 48%
CMY	0.1765, 0.2351, 0.5216
CMYK	0.00, 0.07, 0.42, 0.18
HSL	50°, 49%, 65%
HSV	50°, 42%, 82%
XYZ	49.6190, 54.1624, 26.2515
YIQ	191.1630, 32.3730, -19.5230

Conversions

Conversions Part 2

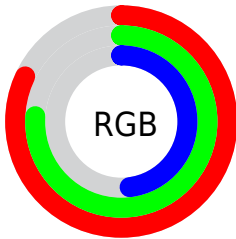
Format	Color
RYB	140, 210, 122
Decimal	13812602
CIELab	78.56, -4.97, 38.55
CIELCh	79, 38.869, 97.348
Yxy	54.1624, 0.3816, 0.4165
Android (android.graphics.Color)	4292002682 (0xFFD2C37A)
YUV	191.1630, -34.0974, 16.5200
Hunter-Lab	73.5951, -8.4438, 30.3677

Details

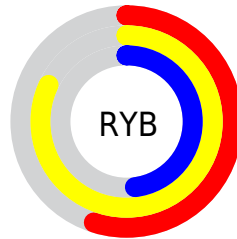
The RYB color **140, 210, 122** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **122, 135, 210**, and the grayscale version is **192, 192, 192**.

A 20% lighter version of the original color is **179, 255, 175**, and **86, 154, 72** is the 20% darker color. If you saturate the color by 10%, you get **124, 210, 101**, and if you desaturate by 10%, it is **156, 210, 143**.

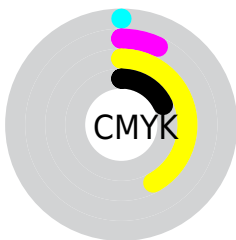
Distribution



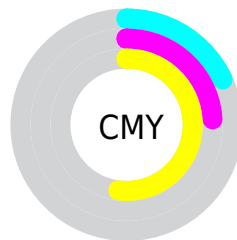
- Red (82%)
- Green (76%)
- Blue (48%)



- Red (55%)
- Yellow (82%)
- Blue (48%)



- Cyan (0%)
- Magenta (7%)
- Yellow (42%)
- Black (18%)



- Cyan (18%)
- Magenta (24%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the RYB color 140, 210, 122 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 140, 210, 122 by changing the saturation by 10% instead.

 140, 210, 122

255, 255, 255

 179, 255, 175


 203, 255, 203

 232, 255, 232

 140, 210, 122

 113, 182, 96


 86, 154, 72

 60, 127, 47

 33, 101, 23

 8, 75, 0

 6, 51, 0

 1, 27, 0

 0, 0, 0

 140, 210, 122

 140, 210, 122

■ 124, 210, 101

■ 156, 210, 143

■ 106, 210, 80

■ 174, 210, 164

■ 90, 210, 59

■ 190, 210, 185

■ 73, 210, 38

■ 207, 210, 206

■ 57, 210, 17

■ 210, 213, 227

■ 43, 210, 0

■ 210, 215, 248

■ 210, 218, 255

■ 210, 221, 255

■ 210, 222, 255

Harmonies

Analogous

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



242, 234, 128



140, 210, 122



136, 205, 170

Triad

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



140, 210, 122



59, 141, 237



247, 171, 223

Complementary

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



140, 210, 122



122, 135, 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.



210, 182, 252



140, 210, 122



99, 162, 255

Square

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



140, 210, 122



82, 151, 214



158, 185, 255



255, 167, 187

Rectangle

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



140, 210, 122



142, 200, 210



158, 185, 255



237, 174, 234

Sweetspot

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



140, 210, 122



229, 255, 222



210, 122, 138



112, 128, 107



0, 0, 0



128, 128, 128

Same Dimension

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



140, 210, 122



155, 255, 128



122, 210, 150



96, 105, 94



34, 168, 0



8, 41, 0

Inverse Universe

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



122, 135, 210



128, 146, 255



150, 122, 210



94, 96, 105



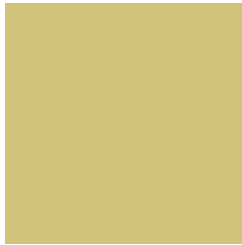
0, 25, 168



0, 6, 41

Previews

White Background



This preview shows how the RYB color 140, 210, 122 looks on a white background.

Color Contrast Check

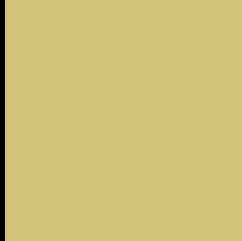
Large Text (above 18pt) WCAG AA × Fail

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 140, 210, 122 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](#).

R Y B 140, 210, 122 Background



This preview shows how black text looks on a background with the RYB color 140, 210, 122.



This preview shows how white text looks on a background with the RYB color 140, 210, 122.

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


140, 210, 122

Protanopia

145, 212, 122

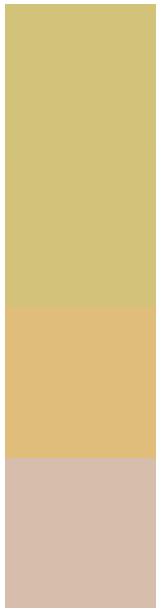
Deuteranopia

209, 234, 124



Tritanopia
218, 186, 200

Trichromacy



Original Color

140, 210, 122

Protanomaly

143, 211, 122

Deuteranomaly

179, 225, 123

Tritanomaly

215, 200, 172

Monochromacy



Original Color

140, 210, 122

Achromatopsia

191, 191, 191

Achromatomaly

173, 198, 166

CSS Examples

Text

The CSS property to change the color of the text to RYB 140, 210, 122 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, 195, 122)` looks like.

```
.text, #text, p{  
    color:rgb(210, 195, 122)  
}
```

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, 195, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 195, 122) }
```

Border

The CSS property to change the border of an element to RYB 140, 210, 122 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, 195, 122) }
```

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

```
.border{ border-color:rgb(210, 195, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 195, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 195, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 195, 122);  
box-shadow:4px 4px 4px 4px rgb(210, 195,  
122) }
```

Background

The CSS property to change the background color of an element to RGB 210, 195, 122 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 195, 122) }
```

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

```
.background{ background-color: rgb(210,  
195, 122) }
```

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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