

Converting Colors

`RYB(147, 209, 130)`

Have a look what the booklet for
RYB(147, 209, 130) contains.

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Color

R_YB(147, 209, 130)

Conversions

Conversions Part 1

Format	Color
Hex	D1C382
RGB	209, 195, 130
RGB Percent	82%, 76%, 51%
CMY	0.1804, 0.2353, 0.4902
CMYK	0.00, 0.07, 0.38, 0.18
HSL	49°, 46%, 66%
HSV	49°, 38%, 82%
XYZ	49.8412, 54.2019, 28.9542
YIQ	191.7760, 29.2090, -17.2470

Conversions

Conversions Part 2

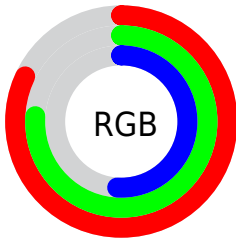
Format	Color
RYB	147, 209, 130
Decimal	13747074
CIELab	78.58, -4.47, 34.46
CIELCh	79, 34.745, 97.392
Yxy	54.2019, 0.3748, 0.4075
Android (android.graphics.Color)	4291937154 (0xFFD1C382)
YUV	191.7760, -30.4556, 15.1054
Hunter-Lab	73.6219, -7.9960, 28.2177

Details

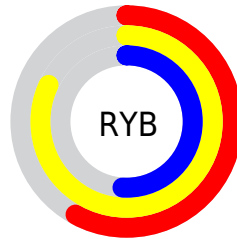
The RYB color **147, 209, 130** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **130, 142, 209**, and the grayscale version is **192, 192, 192**.

A 20% lighter version of the original color is **188, 255, 184**, and **93, 153, 80** is the 20% darker color. If you saturate the color by 10%, you get **131, 209, 109**, and if you desaturate by 10%, it is **163, 209, 151**.

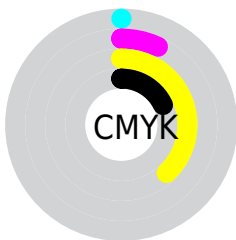
Distribution



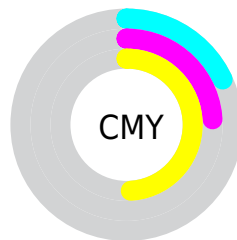
- Red (82%)
- Green (76%)
- Blue (51%)



- Red (58%)
- Yellow (82%)
- Blue (51%)



- Cyan (0%)
- Magenta (7%)
- Yellow (38%)
- Black (18%)



- Cyan (18%)
- Magenta (24%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the RYB color 147, 209, 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 147, 209, 130 by changing the saturation by 10% instead.

 147, 209, 130


255, 255, 255

 188, 255, 184


 212, 255, 212


 240, 255, 240


 147, 209, 130

 120, 181, 104


 93, 153, 80

 68, 126, 56

 41, 100, 32

 15, 75, 7

 7, 52, 0

 1, 27, 0

 0, 0, 0

 147, 209, 130

 147, 209, 130

131, 209, 109

163, 209, 151

113, 209, 88

181, 209, 172

97, 209, 67

197, 209, 193

81, 209, 46

209, 210, 214

65, 209, 26

209, 213, 235

49, 209, 5

209, 216, 255

45, 209, 0

209, 219, 255

209, 221, 255

209, 222, 255

Harmonies

Analogous

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



238, 227, 136



147, 209, 130



142, 204, 172

Triad

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



147, 209, 130



87, 154, 233



242, 174, 220

Complementary

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



147, 209, 130



130, 142, 209

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.



209, 183, 246



147, 209, 130



116, 170, 253

Square

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



147, 209, 130



100, 159, 212



164, 187, 255



255, 170, 188

Rectangle

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



147, 209, 130



148, 200, 209



164, 187, 255



233, 176, 230

Sweetspot

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



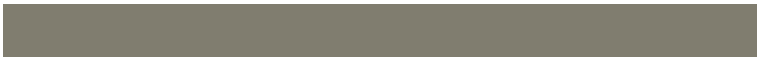
147, 209, 130



233, 255, 227



209, 130, 144



115, 128, 111



0, 0, 0



128, 128, 128

Same Dimension

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



147, 209, 130



164, 255, 140



130, 209, 155



96, 105, 94



37, 168, 0



8, 41, 0

Inverse Universe

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



130, 142, 209



140, 158, 255



155, 130, 209



94, 96, 105



0, 25, 168



0, 6, 41

Previews

White Background



This preview shows how the RYB color 147, 209, 130 looks on a white background.

Color Contrast Check

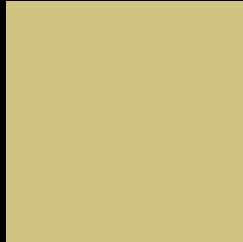
Large Text (above 18pt) WCAG AA × Fail

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 147, 209, 130 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

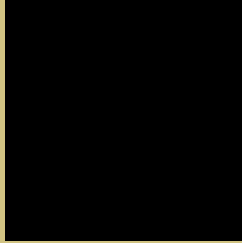
Any Text WCAG AA ✓ Pass

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 147, 209, 130 Background



This preview shows how black text looks on a background with the RYB color 147, 209, 130.



This preview shows how white text looks on a background with the RYB color 147, 209, 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
147, 209, 130

Protanopia
152, 211, 130

Deuteranopia
220, 233, 132

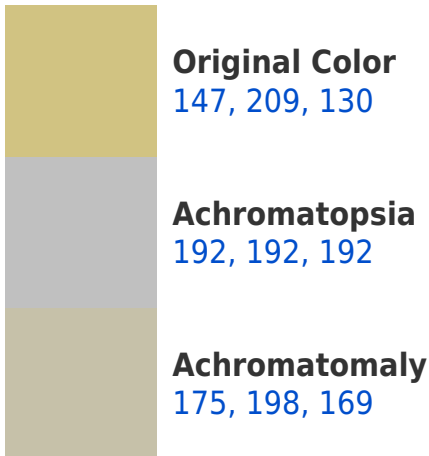


Tritanopia
217, 186, 201

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RYB 147, 209, 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(209, 195, 130)` looks like.

```
.text, #text, p{  
    color:rgb(209, 195, 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(209, 195, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 195, 130) }
```

Border

The CSS property to change the border of an element to RYB 147, 209, 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(209, 195, 130) }
```

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

```
.border{ border-color:rgb(209, 195, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 195, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 195, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 195, 130);  
box-shadow:4px 4px 4px 4px rgb(209, 195,  
130) }
```

Background

The CSS property to change the background color of an element to RYB 147, 209, 130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 195, 130) }
```

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

```
.background{ background-color: rgb(209,  
195, 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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