

Converting Colors

`RYB(151, 214, 122)`

Have a look what the booklet for
RYB(151, 214, 122) contains.

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Color

R_YB(151, 214, 122)

Conversions

Conversions Part 1

Format	Color
Hex	D6C07A
RGB	214, 192, 122
RGB Percent	84%, 75%, 48%
CMY	0.1608, 0.2473, 0.5216
CMYK	0.00, 0.10, 0.43, 0.16
HSL	46°, 53%, 66%
HSV	46°, 43%, 84%
XYZ	50.0832, 53.3788, 26.0758
YIQ	190.5980, 35.5820, -17.1060

Conversions

Conversions Part 2

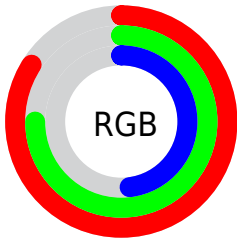
Format	Color
RYB	151, 214, 122
Decimal	14073978
CIELab	78.10, -1.74, 38.04
CIELCh	78, 38.078, 92.626
Yxy	53.3788, 0.3866, 0.4121
Android (android.graphics.Color)	4292264058 (0xFFD6C07A)
YUV	190.5980, -33.8188, 20.5236
Hunter-Lab	73.0608, -5.4946, 29.9816

Details

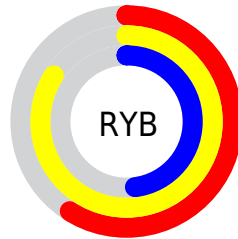
The RYB color **151, 214, 122** is a light color, and the websafe version is hex **C9C999**. A complement of this color would be **122, 140, 214**, and the grayscale version is **191, 191, 191**.

A 20% lighter version of the original color is **183, 255, 175**, and **96, 158, 72** is the 20% darker color. If you saturate the color by 10%, you get **136, 214, 101**, and if you desaturate by 10%, it is **165, 214, 143**.

Distribution



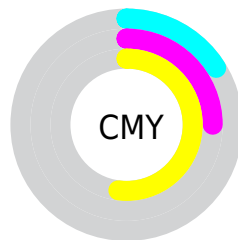
- Red (84%)
- Green (75%)
- Blue (48%)



- Red (59%)
- Yellow (84%)
- Blue (48%)



- Cyan (0%)
- Magenta (10%)
- Yellow (43%)
- Black (16%)



- Cyan (16%)
- Magenta (25%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the RYB color 151, 214, 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 151, 214, 122 by changing the saturation by 10% instead.

 151, 214, 122

255, 255, 255

 183, 255, 175

 203, 255, 203


 231, 255, 231

 151, 214, 122

 122, 185, 96

 96, 158, 72

 69, 130, 48

 41, 104, 23

 14, 78, 0

 12, 54, 0

 6, 29, 0

 0, 0, 0

 151, 214, 122

 151, 214, 122

■ 136, 214, 101

■ 165, 214, 143

■ 121, 214, 79

■ 181, 214, 165

■ 107, 214, 58

■ 195, 214, 186

■ 93, 214, 36

■ 211, 214, 208

■ 78, 214, 15

■ 214, 217, 229

■ 67, 214, 0

■ 214, 221, 250

■ 214, 224, 255

■ 214, 227, 255

■ 214, 229, 255

Harmonies

Analogous

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



244, 218, 131



151, 214, 122



132, 202, 158

Triad

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



151, 214, 122



63, 141, 230



241, 171, 226

Complementary

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



151, 214, 122



122, 140, 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.



202, 183, 253



151, 214, 122



93, 159, 255

Square

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



151, 214, 122



91, 156, 212



149, 181, 255



255, 166, 191

Rectangle

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



151, 214, 122



149, 207, 207



149, 181, 255



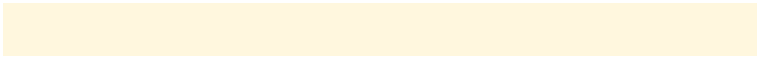
230, 175, 236

Sweetspot

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



151, 214, 122



233, 255, 222



214, 122, 145



114, 128, 107



0, 0, 0



128, 128, 128

Same Dimension

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



151, 214, 122



164, 255, 122



122, 214, 145



98, 107, 96



54, 171, 0



13, 43, 0

Inverse Universe

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



122, 140, 214



122, 148, 255



145, 122, 214



96, 98, 107



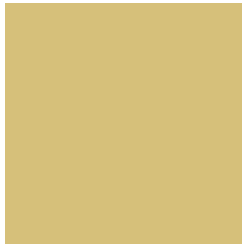
0, 33, 171



0, 8, 43

Previews

White Background



This preview shows how the RYB color 151, 214, 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 151, 214, 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](#).

RYB 151, 214, 122 Background



This preview shows how black text looks on a background with the RYB color 151, 214, 122.



This preview shows how white text looks on a background with the RYB color 151, 214, 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
[151](#), [214](#), [122](#)

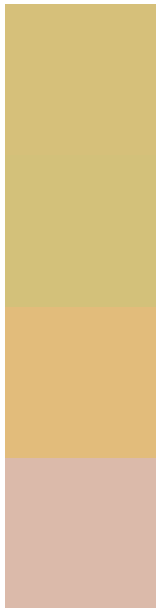
Protanopia
[143](#), [210](#), [122](#)

Deuteranopia
[210](#), [233](#), [124](#)



Tritanopia
222, 183, 197

Trichromacy



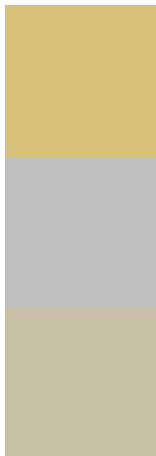
Original Color
151, 214, 122

Protanomaly
145, 211, 122

Deuteranomaly
183, 226, 123

Tritanomaly
219, 194, 170

Monochromacy



Original Color
151, 214, 122

Achromatopsia
191, 191, 191

Achromatomaly
177, 199, 166

CSS Examples

Text

The CSS property to change the color of the text to RYB 151, 214, 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(214, 192, 122)` looks like.

```
.text, #text, p{  
    color:rgb(214, 192, 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(214, 192, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 192, 122) }
```

Border

The CSS property to change the border of an element to RYB 151, 214, 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(214, 192, 122) }
```

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

```
.border{ border-color:rgb(214, 192, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 192, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 192, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 192, 122);  
box-shadow:4px 4px 4px 4px rgb(214, 192,  
122) }
```

Background

The CSS property to change the background color of an element to RYB 151, 214, 122 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 192, 122) }
```

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

```
.background{ background-color: rgb(214,  
192, 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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