

Converting Colors

`RYB(141, 211, 103)`

Have a look what the booklet for
RYB(141, 211, 103) contains.

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Color

$\text{RYB}(141, 211, 103)$

Conversions

Conversions Part 1

Format	Color
Hex	D3B767
RGB	211, 183, 103
RGB Percent	83%, 72%, 40%
CMY	0.1725, 0.2828, 0.5961
CMYK	0.00, 0.13, 0.51, 0.17
HSL	44°, 55%, 62%
HSV	44°, 51%, 83%
XYZ	46.2230, 48.6499, 19.7861
YIQ	182.2520, 42.3680, -18.9440

Conversions

Conversions Part 2

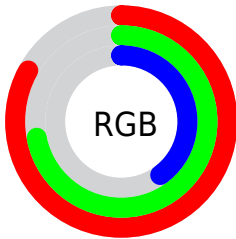
Format	Color
RYB	141, 211, 103
Decimal	13875047
CIELab	75.23, -0.05, 44.02
CIELCh	75, 44.016, 90.064
Yxy	48.6499, 0.4031, 0.4243
Android (android.graphics.Color)	4292065127 (0xFFD3B767)
YUV	182.2520, -39.0712, 25.2120
Hunter-Lab	69.7495, -3.7696, 32.0056

Details

The RYB color **141, 211, 103** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **103, 125, 211**, and the grayscale version is **183, 183, 183**.

A 20% lighter version of the original color is **175, 255, 156**, and **84, 154, 53** is the 20% darker color. If you saturate the color by 10%, you get **128, 211, 82**, and if you desaturate by 10%, it is **155, 211, 124**.

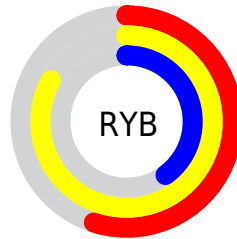
Distribution



Red (83%)

Green (72%)

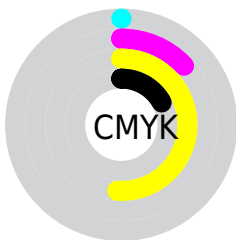
Blue (40%)



Red (55%)

Yellow (83%)

Blue (40%)

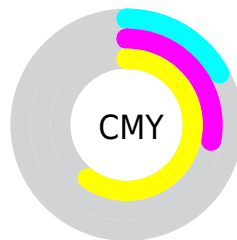


Cyan (0%)

Magenta (13%)

Yellow (51%)

Black (17%)



Cyan (17%)

Magenta (28%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the RYB color 141, 211, 103 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 141, 211, 103 by changing the saturation by 10% instead.

 141, 211, 103

255, 255, 255

 175, 255, 156


 183, 255, 183

 211, 255, 211


 240, 255, 240

 141, 211, 103

 113, 182, 78

 84, 154, 53

 56, 127, 28

 23, 100, 0

 20, 74, 0

 14, 48, 0

 10, 24, 0

 0, 0, 0

 141, 211, 103

 141, 211, 103

■ 128, 211, 82

■ 155, 211, 124

■ 114, 211, 61

■ 168, 211, 145

■ 101, 211, 40

■ 182, 211, 166

■ 87, 211, 19

■ 195, 211, 187

■ 74, 211, 0

■ 211, 211, 209

■ 211, 215, 230

■ 211, 219, 251

■ 211, 223, 255

■ 211, 225, 255

Harmonies

Analogous

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



244, 206, 116



141, 211, 103



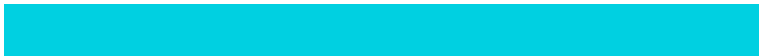
113, 195, 139

Triad

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



141, 211, 103



0, 108, 225



236, 160, 226

Complementary

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



141, 211, 103



103, 125, 211

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.



189, 175, 255



141, 211, 103



19, 121, 255

Square

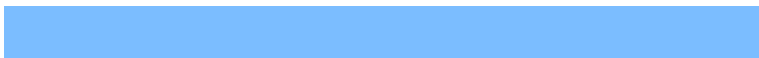
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



141, 211, 103



54, 137, 207



123, 167, 255



255, 153, 187

Rectangle

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



141, 211, 103



132, 201, 196



123, 167, 255



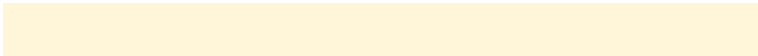
223, 165, 238

Sweetspot

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



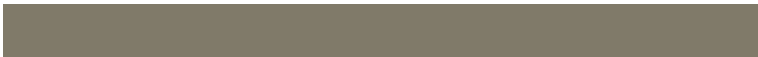
141, 211, 103



231, 255, 217



211, 103, 132



113, 128, 105



0, 0, 0



128, 128, 128

Same Dimension

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



141, 211, 103



153, 255, 99



103, 211, 128



98, 105, 94



60, 168, 0



15, 41, 0

Inverse Universe

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



103, 125, 211



99, 131, 255



128, 103, 211



94, 96, 105



0, 35, 168



0, 9, 41

Previews

White Background



This preview shows how the RYB color 141, 211, 103 looks on a white background.

Color Contrast Check

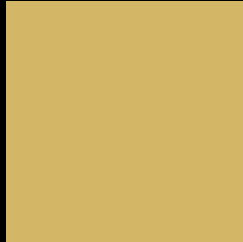
Large Text (above 18pt) WCAG AA × Fail

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 141, 211, 103 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 141, 211, 103 Background



This preview shows how black text looks on a background with the RYB color 141, 211, 103.

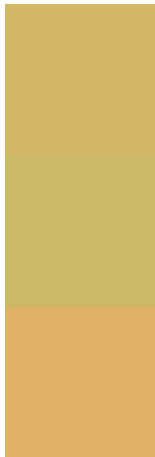


This preview shows how white text looks on a background with the RYB color 141, 211, 103.

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
141, 211, 103

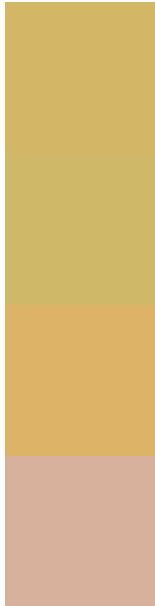
Protanopia
127, 204, 104

Deuteranopia
186, 226, 104



Tritanopia
219, 173, 187

Trichromacy



Original Color

141, 211, 103

Protanomaly

134, 207, 104

Deuteranomaly

170, 221, 104

Tritanomaly

216, 188, 156

Monochromacy



Original Color

141, 211, 103

Achromatopsia

182, 182, 182

Achromatomaly

168, 193, 153

CSS Examples

Text

The CSS property to change the color of the text to RYB 141, 211, 103 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(211, 183, 103)` looks like.

```
.text, #text, p{  
    color:rgb(211, 183, 103)  
}
```

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(211, 183, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 183, 103) }
```

Border

The CSS property to change the border of an element to RYB 141, 211, 103 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(211, 183, 103) }
```

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

```
.border{ border-color:rgb(211, 183, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 183, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 183, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 183, 103);  
box-shadow:4px 4px 4px 4px rgb(211, 183,  
103) }
```

Background

The CSS property to change the background color of an element to RYB 141, 211, 103 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 183, 103) }
```

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

```
.background{ background-color: rgb(211,  
183, 103) }
```

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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