

Converting Colors

`RYB(153, 197, 141)`

Have a look what the booklet for
RYB(153, 197, 141) contains.

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Color

$\text{RYB}(153, 197, 141)$

Conversions

Conversions Part 1

Format	Color
Hex	C5BB8D
RGB	197, 187, 141
RGB Percent	77%, 73%, 55%
CMY	0.2275, 0.2662, 0.4471
CMYK	0.00, 0.05, 0.28, 0.23
HSL	49°, 33%, 66%
HSV	49°, 28%, 77%
XYZ	45.6290, 49.3840, 32.3265
YIQ	184.7460, 20.7260, -12.1860

Conversions

Conversions Part 2

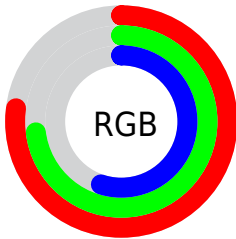
Format	Color
RYB	153, 197, 141
Decimal	12958605
CIELab	75.69, -3.71, 24.66
CIELCh	76, 24.940, 98.552
Yxy	49.3840, 0.3583, 0.3878
Android (android.graphics.Color)	4291148685 (0xFFC5BB8D)
YUV	184.7460, -21.5668, 10.7468
Hunter-Lab	70.2737, -7.0784, 21.9178

Details

The RYB color **153, 197, 141** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **141, 149, 197**, and the grayscale version is **185, 185, 185**.

A 20% lighter version of the original color is **209, 254, 195**, and **101, 143, 90** is the 20% darker color. If you saturate the color by 10%, you get **137, 197, 121**, and if you desaturate by 10%, it is **168, 197, 161**.

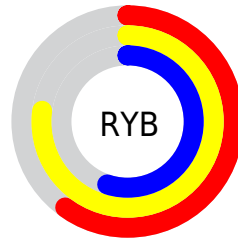
Distribution



Red (77%)

Green (73%)

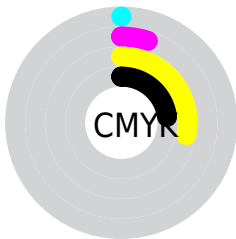
Blue (55%)



Red (60%)

Yellow (77%)

Blue (55%)

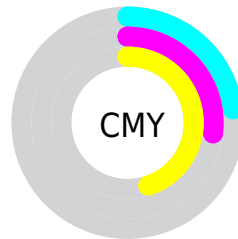


Cyan (0%)

Magenta (5%)

Yellow (28%)

Black (23%)



Cyan (23%)

Magenta (27%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the RYB color 153, 197, 141 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 153, 197, 141 by changing the saturation by 10% instead.

 153, 197, 141

255, 255, 255


 209, 254, 195

 223, 255, 223


 252, 255, 252

 153, 197, 141

 126, 169, 115

 101, 143, 90

 75, 116, 67

 51, 91, 44

 28, 67, 22

 4, 44, 0


 0, 20, 0

 0, 0, 0


 153, 197, 141


 153, 197, 141

 137, 197, 121


 168, 197, 161

 123, 197, 102


 184, 197, 180

 106, 197, 82


 197, 198, 200

 91, 197, 62


 197, 200, 220

 76, 197, 43


 197, 204, 240

 61, 197, 23

 197, 206, 255

 44, 197, 3

 197, 208, 255

 43, 197, 0

 197, 211, 255

 197, 212, 255

Harmonies

Analogous

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



218, 210, 144



153, 197, 141



150, 194, 173

Triad

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



153, 197, 141



121, 163, 214



222, 172, 204

Complementary

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



153, 197, 141



141, 149, 197

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.



199, 178, 223



153, 197, 141



138, 172, 229

Square

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



153, 197, 141



126, 165, 200



168, 182, 232



233, 170, 181

Rectangle

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



153, 197, 141



154, 190, 197



168, 182, 232



215, 174, 211

Sweetspot

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



153, 197, 141



237, 255, 232



197, 141, 151



117, 128, 113



0, 0, 0



128, 128, 128

Same Dimension

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



153, 197, 141



186, 255, 168



141, 197, 159



91, 99, 90



35, 163, 0



9, 36, 0

Inverse Universe

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



141, 149, 197



168, 182, 255



159, 141, 197



90, 91, 99



0, 25, 163



0, 5, 36

Previews

White Background



This preview shows how the RYB color 153, 197, 141 looks on a white background.

Color Contrast Check

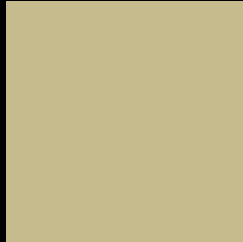
Large Text (above 18pt) WCAG AA × Fail

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 153, 197, 141 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

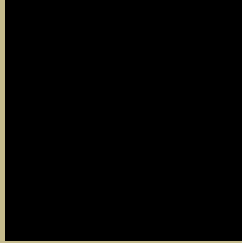
Any Text WCAG AA ✓ Pass

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 153, 197, 141 Background



This preview shows how black text looks on a background with the RYB color 153, 197, 141.



This preview shows how white text looks on a background with the RYB color 153, 197, 141.

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


153, 197, 141

Protanopia

159, 200, 141

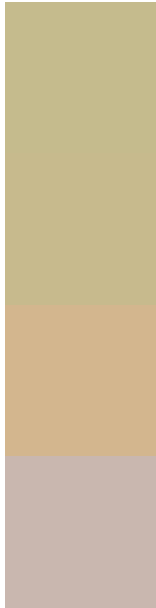
Deuteranopia

219, 211, 143



Tritanopia
203, 180, 194

Trichromacy



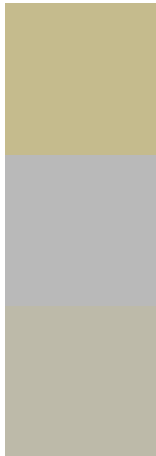
Original Color
153, 197, 141

Protanomaly
158, 199, 141

Deuteranomaly
192, 211, 142

Tritanomaly
201, 187, 175

Monochromacy



Original Color
153, 197, 141

Achromatopsia
185, 185, 185

Achromatomaly
173, 189, 169

CSS Examples

Text

The CSS property to change the color of the text to RYB 153, 197, 141 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(197, 187, 141)` looks like.

```
.text, #text, p{  
    color:rgb(197, 187, 141)  
}
```

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(197, 187, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 187, 141) }
```

Border

The CSS property to change the border of an element to RYB 153, 197, 141 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(197, 187, 141) }
```

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

```
.border{ border-color:rgb(197, 187, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 187, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 187, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 187, 141);  
box-shadow:4px 4px 4px 4px rgb(197, 187,  
141) }
```

Background

The CSS property to change the background color of an element to RYB 153, 197, 141 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 187, 141) }
```

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

```
.background{ background-color: rgb(197,  
187, 141) }
```

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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