

Converting Colors

`RYB(181, 200, 154)`

Have a look what the booklet for
RYB(181, 200, 154) contains.

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Color

R_YB(181, 200, 154)

Conversions

Conversions Part 1

Format	Color
Hex	C8B79A
RGB	200, 183, 154
RGB Percent	78%, 72%, 60%
CMY	0.2157, 0.2824, 0.3961
CMYK	0.00, 0.09, 0.23, 0.22
HSL	38°, 29%, 69%
HSV	38°, 23%, 78%
XYZ	46.5828, 48.4738, 37.4730
YIQ	184.7770, 19.4410, -5.4150

Conversions

Conversions Part 2

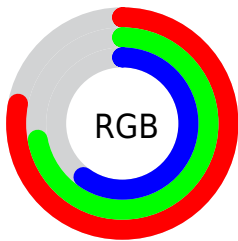
Format	Color
RYB	181, 200, 154
Decimal	13154202
CIELab	75.12, 1.44, 16.95
CIElCh	75, 17.012, 85.132
Yxy	48.4738, 0.3515, 0.3658
Android (android.graphics.Color)	4291344282 (0xFFC8B79A)
YUV	184.7770, -15.1731, 13.3506
Hunter-Lab	69.6231, -2.4112, 16.8247

Details

The RYB color **181, 200, 154** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **154, 166, 200**, and the grayscale version is **185, 185, 185**.

A 20% lighter version of the original color is **232, 255, 208**, and **128, 146, 103** is the 20% darker color. If you saturate the color by 10%, you get **172, 200, 134**, and if you desaturate by 10%, it is **190, 200, 174**.

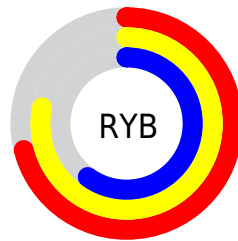
Distribution



Red (78%)

Green (72%)

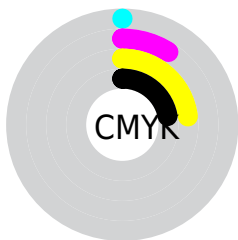
Blue (60%)



Red (71%)

Yellow (78%)

Blue (60%)

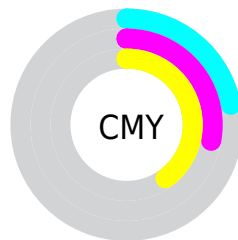


Cyan (0%)

Magenta (9%)

Yellow (23%)

Black (22%)



Cyan (22%)


Magenta (28%)


Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the RYB color 181, 200, 154 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 181, 200, 154 by changing the saturation by 10% instead.

 181, 200, 154

 181, 200, 154


255, 255, 255

 153, 172, 128

 232, 255, 208

 128, 146, 103

 237, 255, 237

 103, 120, 79

 76, 94, 56

 52, 70, 34

 27, 47, 13

 14, 25, 0

 0, 0, 0

 181, 200, 154


 181, 200, 154

 172, 200, 134

 190, 200, 174

 165, 200, 114


 197, 200, 194

 156, 200, 94


 200, 204, 214

 149, 200, 74


 200, 209, 234

 140, 200, 54

 200, 215, 254

 130, 200, 34

 200, 218, 255

 124, 200, 14

 200, 221, 255

 117, 200, 0

 200, 224, 255

 200, 226, 255

Harmonies

Analogous

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



213, 187, 160



181, 200, 154



156, 188, 161

Triad

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



181, 200, 154



144, 170, 198



203, 177, 203

Complementary

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



181, 200, 154



154, 166, 200

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.



185, 182, 213



181, 200, 154



149, 174, 210

Square

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



181, 200, 154



150, 175, 194



164, 180, 216



215, 174, 188

Rectangle

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



181, 200, 154



163, 191, 183



164, 180, 216



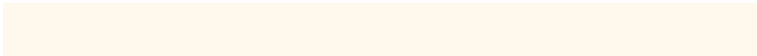
197, 178, 207

Sweetspot

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



181, 200, 154



248, 255, 237



200, 154, 172



123, 128, 117



0, 0, 0



128, 128, 128

Same Dimension

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



181, 200, 154



225, 255, 184



154, 200, 159



95, 99, 90



95, 163, 0



23, 36, 0

Inverse Universe

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



154, 166, 200



184, 203, 255



159, 154, 200



90, 92, 99



0, 44, 163



0, 10, 36

Previews

White Background



This preview shows how the RYB color 181, 200, 154 looks on a white background.

Color Contrast Check

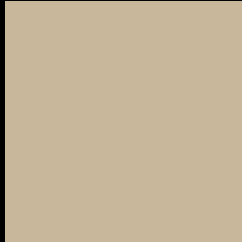
Large Text (above 18pt) WCAG AA × Fail

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 181, 200, 154 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

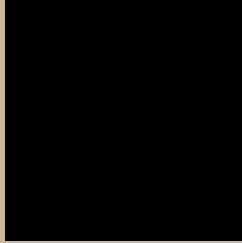
Any Text WCAG AA ✓ Pass

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 181, 200, 154 Background



This preview shows how black text looks on a background with the RYB color 181, 200, 154.



This preview shows how white text looks on a background with the RYB color 181, 200, 154.

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
181, 200, 154

Protanopia
168, 195, 155

Deuteranopia
213, 193, 155



Tritanopia
205, 178, 192

Trichromacy



Original Color

181, 200, 154

Protanomaly

174, 197, 155

Deuteranomaly

208, 202, 155

Tritanomaly

203, 180, 178

Monochromacy



Original Color

181, 200, 154

Achromatopsia

185, 185, 185

Achromatomaly

184, 190, 174

CSS Examples

Text

The CSS property to change the color of the text to RYB 181, 200, 154 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(200, 183, 154) looks like.

```
.text, #text, p{  
    color:rgb(200, 183, 154)  
}
```

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(200, 183, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 183, 154) }
```

Border

The CSS property to change the border of an element to RYB 181, 200, 154 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(200, 183, 154) }
```

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

```
.border{ border-color:rgb(200, 183, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 183, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 183, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 183, 154);  
box-shadow:4px 4px 4px 4px rgb(200, 183,  
154) }
```

Background

The CSS property to change the background color of an element to RYB 181, 200, 154 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 183, 154) }
```

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

```
.background{ background-color: rgb(200,  
183, 154) }
```

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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