

Converting Colors

`RYB(171, 200, 156)`

Have a look what the booklet for
RYB(171, 200, 156) contains.

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Color

R_YB(171, 200, 156)

Conversions

Conversions Part 1

Format	Color
Hex	C8BD9C
RGB	200, 189, 156
RGB Percent	78%, 74%, 61%
CMY	0.2157, 0.2596, 0.3882
CMYK	0.00, 0.06, 0.22, 0.22
HSL	45°, 29%, 70%
HSV	45°, 22%, 78%
XYZ	47.9777, 50.9947, 38.7668
YIQ	188.5270, 17.1490, -7.9310

Conversions

Conversions Part 2

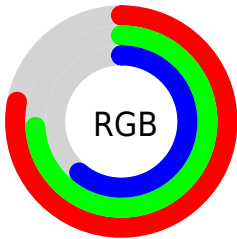
Format	Color
RYB	171, 200, 156
Decimal	13155740
CIELab	76.68, -1.35, 18.03
CIELCh	77, 18.084, 94.294
Yxy	50.9947, 0.3483, 0.3702
Android (android.graphics.Color)	4291345820 (0xFFC8BD9C)
YUV	188.5270, -16.0358, 10.0618
Hunter-Lab	71.4106, -5.0420, 17.8006

Details

The RYB color **171, 200, 156** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **156, 165, 200**, and the grayscale version is **189, 189, 189**.

A 20% lighter version of the original color is **224, 255, 211**, and **118, 146, 105** is the 20% darker color. If you saturate the color by 10%, you get **157, 200, 136**, and if you desaturate by 10%, it is **184, 200, 176**.

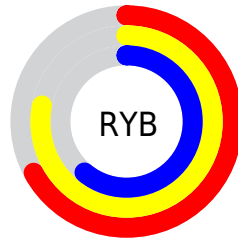
Distribution



Red (78%)

Green (74%)

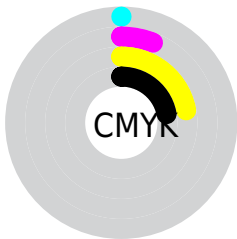
Blue (61%)



Red (67%)

Yellow (78%)

Blue (61%)

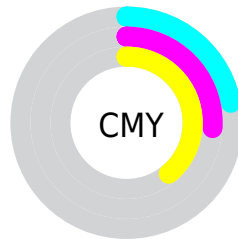


Cyan (0%)

Magenta (6%)

Yellow (22%)

Black (22%)



Cyan (22%)

Magenta (26%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the RYB color 171, 200, 156 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 171, 200, 156 by changing the saturation by 10% instead.


 171, 200, 156

255, 255, 255

 224, 255, 211

 239, 255, 239

 171, 200, 156


 143, 172, 130

 118, 146, 105

 93, 120, 80

 67, 94, 57

 44, 70, 35

 21, 47, 14

 6, 26, 0

 0, 0, 0

 171, 200, 156


 171, 200, 156

 157, 200, 136

 184, 200, 176

 144, 200, 116

 197, 200, 196

 131, 200, 96

 200, 203, 216

 119, 200, 76

 200, 207, 236

 106, 200, 56


 200, 211, 255

 92, 200, 36

 200, 214, 255

 79, 200, 16

 200, 217, 255

 68, 200, 0

 200, 219, 255

 200, 221, 255

Harmonies

Analogous

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



215, 200, 160



171, 200, 156



161, 194, 174

Triad

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



171, 200, 156



145, 174, 207



213, 180, 204

Complementary

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



171, 200, 156



156, 165, 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.



195, 184, 217



171, 200, 156



155, 180, 219

Square

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



171, 200, 156



149, 176, 199



174, 186, 222



223, 178, 187

Rectangle

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



171, 200, 156



169, 197, 197



174, 186, 222



208, 181, 209

Sweetspot

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



171, 200, 156



244, 255, 237



200, 156, 168



121, 128, 117



0, 0, 0



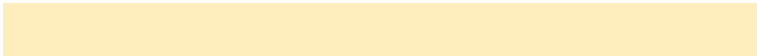
128, 128, 128

Same Dimension

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



171, 200, 156



212, 255, 189



156, 200, 166



93, 99, 90



55, 163, 0



12, 36, 0

Inverse Universe

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



156, 165, 200



189, 203, 255



166, 156, 200



90, 92, 99



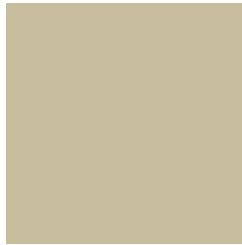
0, 33, 163



0, 7, 36

Previews

White Background



This preview shows how the RYB color 171, 200, 156 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 171, 200, 156 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

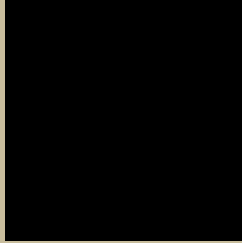
Any Text WCAG AA ✓ Pass

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 171, 200, 156 Background



This preview shows how black text looks on a background with the RYB color 171, 200, 156.



This preview shows how white text looks on a background with the RYB color 171, 200, 156.

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
171, 200, 156

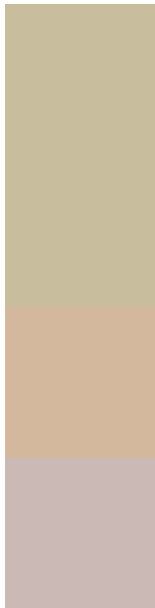
Protanopia
171, 200, 156

Deuteranopia
219, 199, 157



Tritanopia
205, 183, 197

Trichromacy



Original Color

171, 200, 156

Protanomaly

171, 200, 156

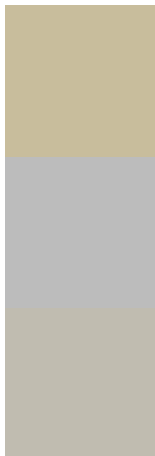
Deuteranomaly

212, 210, 157

Tritanomaly

203, 186, 182

Monochromacy



Original Color

171, 200, 156

Achromatopsia

188, 188, 188

Achromatomaly

181, 192, 176

CSS Examples

Text

The CSS property to change the color of the text to RYB 171, 200, 156 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, 189, 156) looks like.

```
.text, #text, p{  
    color:rgb(200, 189, 156)  
}
```

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, 189, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 189, 156) }
```

Border

The CSS property to change the border of an element to RYB 171, 200, 156 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, 189, 156) }
```

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

```
.border{ border-color:rgb(200, 189, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 189, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 189, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 189, 156);  
box-shadow:4px 4px 4px 4px rgb(200, 189,  
156) }
```

Background

The CSS property to change the background color of an element to RYB 171, 200, 156 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 189, 156) }
```

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

```
.background{ background-color: rgb(200,  
189, 156) }
```

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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