

Converting Colors

`RYB(171, 188, 163)`

Have a look what the booklet for
RYB(171, 188, 163) contains.

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Color

RYB(171, 188, 163)

Conversions

Conversions Part 1

Format	Color
Hex	BCB6A3
RGB	188, 182, 163
RGB Percent	74%, 71%, 64%
CMY	0.2627, 0.2865, 0.3608
CMYK	0.00, 0.03, 0.13, 0.26
HSL	45°, 16%, 69%
HSV	45°, 13%, 74%
XYZ	44.0654, 46.7668, 41.3547
YIQ	181.6280, 9.6750, -4.6370

Conversions

Conversions Part 2

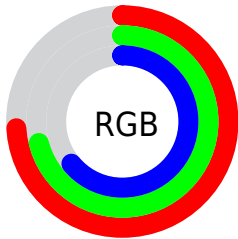
Format	Color
RYB	171, 188, 163
Decimal	12367523
CIELab	74.04, -1.12, 10.40
CIELCh	74, 10.464, 96.165
Yxy	46.7668, 0.3334, 0.3538
Android (android.graphics.Color)	4290557603 (0xFFBCB6A3)
YUV	181.6280, -9.1836, 5.5882
Hunter-Lab	68.3862, -4.6575, 12.0164

Details

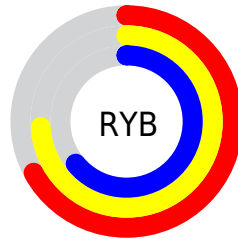
The RYB color **171, 188, 163** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **163, 168, 188**, and the grayscale version is **182, 182, 182**.

A 20% lighter version of the original color is **226, 244, 218**, and **119, 135, 111** is the 20% darker color. If you saturate the color by 10%, you get **159, 188, 144**, and if you desaturate by 10%, it is **185, 188, 182**.

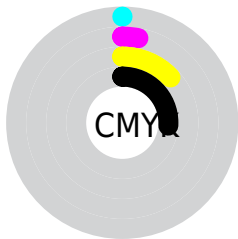
Distribution



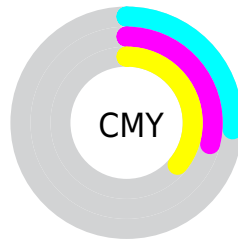
- Red (74%)
- Green (71%)
- Blue (64%)



- Red (67%)
- Yellow (74%)
- Blue (64%)



- Cyan (0%)
- Magenta (3%)
- Yellow (13%)
- Black (26%)




- Cyan (26%)
- Magenta (29%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the RYB color 171, 188, 163 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, 188, 163 by changing the saturation by 10% instead.

 171, 188, 163

255, 255, 255


 226, 244, 218


 246, 255, 246

 171, 188, 163

 145, 161, 137

 119, 135, 111

 93, 109, 87


 71, 85, 64


 47, 61, 42

 25, 39, 21

 5, 18, 0

 0, 0, 0

 171, 188, 163

 171, 188, 163

159, 188, 144

185, 188, 182

145, 188, 125

188, 190, 201

134, 188, 107

188, 194, 219

120, 188, 88

188, 198, 238

107, 188, 69

188, 202, 255

93, 188, 50

188, 204, 255

81, 188, 31

188, 207, 255

70, 188, 13

188, 209, 255

61, 188, 0

188, 211, 255

Harmonies

Analogous

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



197, 190, 165



171, 188, 163



166, 185, 174

Triad

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



171, 188, 163



158, 174, 193



197, 176, 190

Complementary

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



171, 188, 163



163, 168, 188

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.



186, 179, 198



171, 188, 163



164, 177, 199

Square

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



171, 188, 163



160, 175, 188



174, 180, 201



202, 176, 180

Rectangle

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



171, 188, 163



170, 185, 186



174, 180, 201



194, 177, 193

Sweetspot

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



171, 188, 163



239, 245, 235



188, 163, 169



117, 122, 116



250, 250, 250



122, 122, 122

Same Dimension

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



171, 188, 163



219, 245, 206



163, 188, 169



88, 94, 85



50, 158, 0



11, 31, 0

Inverse Universe

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



163, 168, 188



206, 213, 245



169, 163, 188



85, 87, 94



0, 31, 158



0, 6, 31

Previews

White Background



This preview shows how the RYB color 171, 188, 163 looks on a white background.

Color Contrast Check

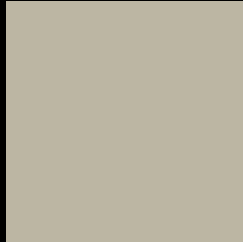
Large Text (above 18pt) WCAG AA × Fail

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, 188, 163 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

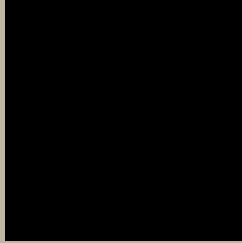
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

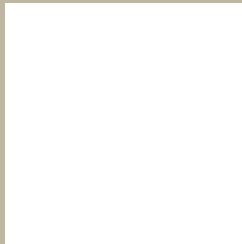
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 171, 188, 163 Background



This preview shows how black text looks on a background with the RYB color 171, 188, 163.



This preview shows how white text looks on a background with the RYB color 171, 188, 163.

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, 188, 163

Protanopia
177, 190, 163

Deuteranopia
206, 179, 164



Tritanopia
192, 178, 192

Trichromacy



Original Color

171, 188, 163

Protanomaly

175, 189, 163

Deuteranomaly

199, 187, 164

Tritanomaly

191, 179, 181

Monochromacy



Original Color

171, 188, 163

Achromatopsia

182, 182, 182

Achromatomaly

178, 184, 175

CSS Examples

Text

The CSS property to change the color of the text to RYB 171, 188, 163 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(188, 182, 163) looks like.

```
.text, #text, p{  
    color:rgb(188, 182, 163)  
}
```

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(188, 182, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 182, 163) }
```

Border

The CSS property to change the border of an element to RYB 171, 188, 163 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(188, 182, 163) }
```

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

```
.border{ border-color:rgb(188, 182, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 182, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 182, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 182, 163);  
box-shadow:4px 4px 4px 4px rgb(188, 182,  
163) }
```

Background

The CSS property to change the background color of an element to RYB 171, 188, 163 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 182, 163) }
```

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

```
.background{ background-color: rgb(188,  
182, 163) }
```

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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