

Converting Colors

`RYB(166, 192, 171)`

Have a look what the booklet for RYB(166, 192, 171) contains.

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Color

R_YB(166, 192, 171)

Conversions

Conversions Part 1

Format	Color
Hex	BBC0A6
RGB	187, 192, 166
RGB Percent	73%, 75%, 65%
CMY	0.2667, 0.2471, 0.3490
CMYK	0.03, 0.00, 0.14, 0.25
HSL	72°, 17%, 70%
HSV	72°, 14%, 75%
XYZ	46.2261, 51.0172, 43.4873
YIQ	187.5410, 5.3660, -9.1460

Conversions

Conversions Part 2

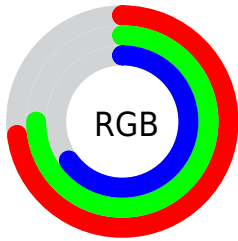
Format	Color
RYB	166, 192, 171
Decimal	12304550
CIELab	76.69, -6.32, 12.52
CIELCh	77, 14.026, 116.772
Yxy	51.0172, 0.3285, 0.3625
Android (android.graphics.Color)	4290494630 (0xFFBBC0A6)
YUV	187.5410, -10.6197, -0.4745
Hunter-Lab	71.4264, -9.4735, 13.9002

Details

The RYB color **166, 192, 171** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **171, 166, 192**, and the grayscale version is **188, 188, 188**.

A 20% lighter version of the original color is **221, 248, 226**, and **114, 139, 119** is the 20% darker color. If you saturate the color by 10%, you get **147, 192, 156**, and if you desaturate by 10%, it is **185, 192, 186**.

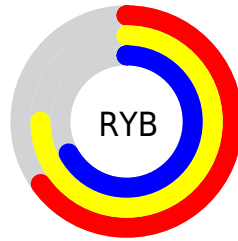
Distribution



Red (73%)

Green (75%)

Blue (65%)



Red (65%)

Yellow (75%)

Blue (67%)

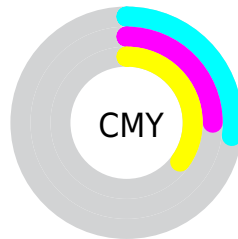


Cyan (3%)

Magenta (0%)

Yellow (14%)

Black (25%)



Cyan (27%)

Magenta (25%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the RYB color 166, 192, 171 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 166, 192, 171 by changing the saturation by 10% instead.

 166, 192, 171


255, 255, 255


 221, 248, 226

 250, 255, 250

 166, 192, 171

 140, 165, 145

 114, 139, 119

 90, 113, 95

 66, 89, 71

 44, 65, 48


 23, 43, 27

 0, 23, 4

 0, 0, 0

 166, 192, 171

 166, 192, 171

 147, 192, 156


 185, 192, 186


 128, 192, 140


 194, 192, 204

 108, 192, 124


 198, 192, 224

 89, 192, 109

 202, 192, 243

 70, 192, 93

 205, 192, 255

 51, 192, 78


 209, 192, 255


 32, 192, 63

 213, 192, 255

 12, 192, 47

 217, 192, 255

 0, 192, 37

 220, 192, 255

Harmonies

Analogous

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



184, 201, 164



166, 192, 171



172, 192, 195

Triad

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



166, 192, 171



161, 181, 210



215, 181, 191

Complementary

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



166, 192, 171



171, 166, 192

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.



205, 183, 204



166, 192, 171



174, 186, 215

Square

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



166, 192, 171



156, 177, 200



190, 186, 212



217, 181, 178

Rectangle

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



166, 192, 171



164, 185, 197



190, 186, 212



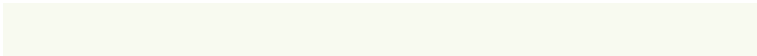
212, 181, 196

Sweetspot

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



166, 192, 171



240, 250, 242



192, 172, 166



119, 125, 120



252, 252, 252



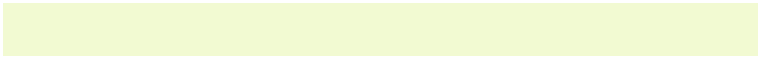
125, 125, 125

Same Dimension

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



166, 192, 171



210, 250, 218



166, 192, 184



87, 97, 89



0, 161, 31



0, 33, 6

Inverse Universe

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



171, 166, 192



218, 210, 250



184, 166, 192



89, 87, 97



31, 0, 161



6, 0, 33

Previews

White Background



This preview shows how the RYB color 166, 192, 171 looks on a white background.

Color Contrast Check

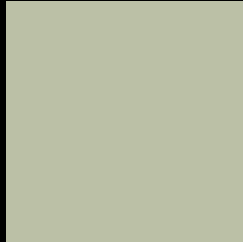
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 166, 192, 171 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

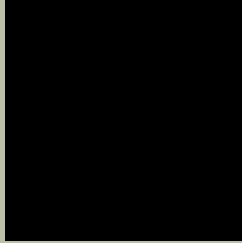
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

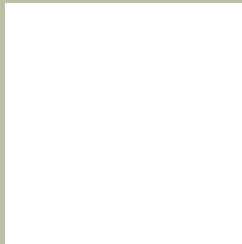
Any Text WCAG AAA ✓ Pass

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

RYB 166, 192, 171 Background



This preview shows how black text looks on a background with the RYB color 166, 192, 171.

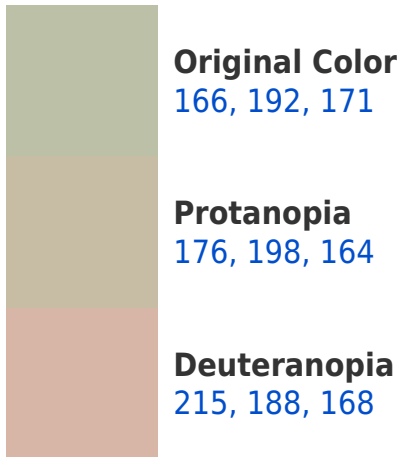


This preview shows how white text looks on a background with the RYB color 166, 192, 171.

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





Tritanopia
192, 187, 202

Trichromacy



Original Color

166, 192, 171

Protanomaly

170, 194, 165

Deuteranomaly

205, 205, 167

Tritanomaly

190, 189, 189

Monochromacy



Original Color

166, 192, 171

Achromatopsia

188, 188, 188

Achromatomaly

180, 189, 181

CSS Examples

Text

The CSS property to change the color of the text to RYB 166, 192, 171 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(187, 192, 166) looks like.

```
.text, #text, p{  
    color:rgb(187, 192, 166)  
}
```

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(187, 192, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 192, 166) }
```

Border

The CSS property to change the border of an element to RYB 166, 192, 171 is called "border". The border property can be set on classes, ids or directly on the HTML element.

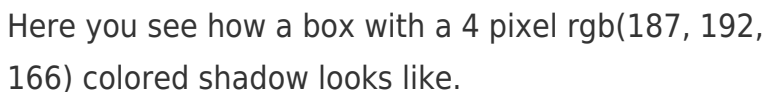
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(187, 192, 166) }
```

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

```
.border{ border-color:rgb(187, 192, 166) }
```

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



Here you see how a box with a 4 pixel `rgb(187, 192, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(187, 192, 166); -webkit-box-shadow:4px 4px 4px 4px rgb(187, 192, 166); box-shadow:4px 4px 4px 4px rgb(187, 192, 166) }
```

Background

The CSS property to change the background color of an element to RYB 166, 192, 171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 192, 166) }
```

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

```
.background{ background-color: rgb(187,  
192, 166) }
```

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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