

Converting Colors

`RYB(191, 203, 162)`

Have a look what the booklet for
RYB(191, 203, 162) contains.

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Color

R_YB(191, 203, 162)

Conversions

Conversions Part 1

Format	Color
Hex	CBBAA2
RGB	203, 186, 162
RGB Percent	80%, 73%, 64%
CMY	0.2039, 0.2705, 0.3647
CMYK	0.00, 0.08, 0.20, 0.20
HSL	35°, 28%, 72%
HSV	35°, 20%, 80%
XYZ	48.7121, 50.4290, 41.3488
YIQ	188.3470, 17.8360, -3.8600

Conversions

Conversions Part 2

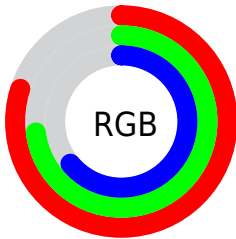
Format	Color
RYB	191, 203, 162
Decimal	13351586
CIELab	76.33, 2.15, 14.36
CIELCh	76, 14.521, 81.487
Yxy	50.4290, 0.3467, 0.3590
Android (android.graphics.Color)	4291541666 (0xFFCBBAA2)
YUV	188.3470, -12.9891, 12.8507
Hunter-Lab	71.0134, -1.8301, 15.1867

Details

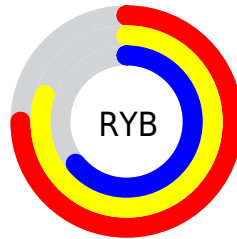
The RYB color **191, 203, 162** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **162, 174, 203**, and the grayscale version is **188, 188, 188**.

A 20% lighter version of the original color is **237, 255, 217**, and **137, 149, 110** is the 20% darker color. If you saturate the color by 10%, you get **184, 203, 142**, and if you desaturate by 10%, it is **198, 203, 182**.

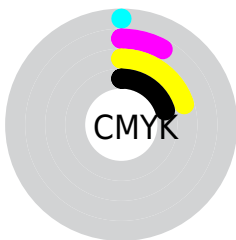
Distribution



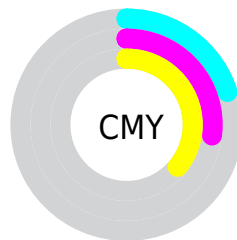
- Red (80%)
- Green (73%)
- Blue (64%)



- Red (75%)
- Yellow (80%)
- Blue (64%)



- Cyan (0%)
- Magenta (8%)
- Yellow (20%)
- Black (20%)



- Cyan (20%)
- Magenta (27%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the RYB color 191, 203, 162 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 191, 203, 162 by changing the saturation by 10% instead.


 191, 203, 162

255, 255, 255

 237, 255, 217

 245, 255, 245


 191, 203, 162

 163, 175, 136

 137, 149, 110

 109, 122, 86

 84, 97, 63

 60, 73, 41

 37, 50, 20

 18, 29, 0

 0, 0, 0

 191, 203, 162

 191, 203, 162

 184, 203, 142

 198, 203, 182

 179, 203, 121


 203, 203, 203

 172, 203, 101

 203, 209, 223

 169, 203, 81


 203, 215, 243

 160, 203, 60

 203, 220, 255

 154, 203, 40

 203, 223, 255

 150, 203, 20

 203, 226, 255

 143, 203, 0

 203, 228, 255

 203, 229, 255

Harmonies

Analogous

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



213, 188, 168



191, 203, 162



163, 190, 164

Triad

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



191, 203, 162



154, 175, 198



202, 182, 205

Complementary

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



191, 203, 162



162, 174, 203

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, 186, 213



191, 203, 162



157, 179, 209

Square

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



191, 203, 162



160, 182, 196



169, 184, 214



213, 179, 193

Rectangle

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



191, 203, 162



168, 193, 183



169, 184, 214



197, 183, 208

Sweetspot

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



191, 203, 162



250, 255, 240



203, 162, 179



126, 128, 119



0, 0, 0



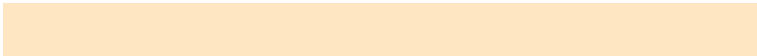
128, 128, 128

Same Dimension

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



191, 203, 162



236, 255, 194



162, 203, 165



99, 102, 92



118, 166, 0



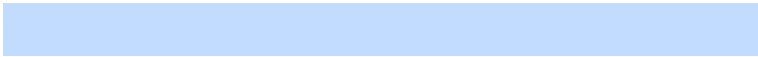
28, 38, 0

Inverse Universe

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



162, 174, 203



194, 212, 255



165, 162, 203



92, 95, 102



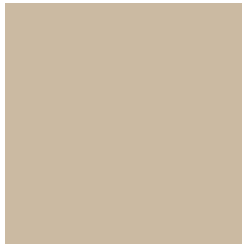
0, 49, 166



0, 11, 38

Previews

White Background



This preview shows how the RYB color 191, 203, 162 looks on a white background.

Color Contrast Check

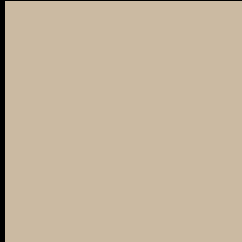
Large Text (above 18pt) WCAG AA × Fail

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 191, 203, 162 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

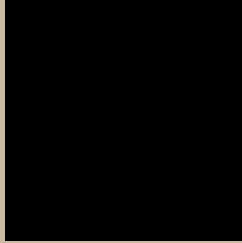
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

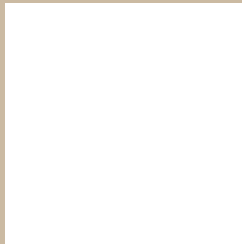
Any Text WCAG AAA ✓ Pass

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

R Y B 191, 203, 162 Background



This preview shows how black text looks on a background with the RYB color 191, 203, 162.

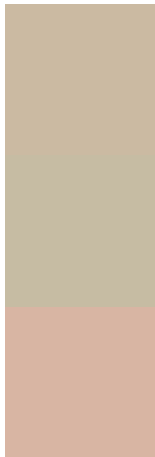


This preview shows how white text looks on a background with the RYB color 191, 203, 162.

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
191, 203, 162

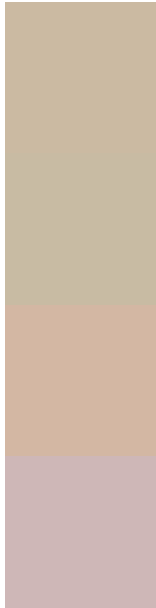
Protanopia
177, 198, 163

Deuteranopia
216, 190, 163



Tritanopia
207, 181, 195

Trichromacy



Original Color

191, 203, 162

Protanomaly

183, 200, 163

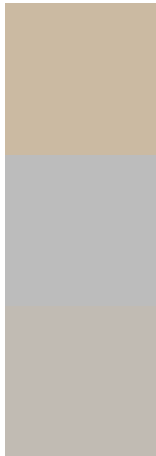
Deuteranomaly

211, 197, 163

Tritanomaly

206, 183, 183

Monochromacy



Original Color

191, 203, 162

Achromatopsia

188, 188, 188

Achromatomaly

190, 193, 179

CSS Examples

Text

The CSS property to change the color of the text to RYB 191, 203, 162 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(203, 186, 162) looks like.

```
.text, #text, p{  
    color:rgb(203, 186, 162)  
}
```

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(203, 186, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 186, 162) }
```

Border

The CSS property to change the border of an element to RYB 191, 203, 162 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(203, 186, 162) }
```

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

```
.border{ border-color:rgb(203, 186, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 186, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 186, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 186, 162);  
box-shadow:4px 4px 4px 4px rgb(203, 186,  
162) }
```

Background

The CSS property to change the background color of an element to RYB 191, 203, 162 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 186, 162) }
```

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

```
.background{ background-color: rgb(203,  
186, 162) }
```

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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