

Converting Colors

`RYB(180, 200, 162)`

Have a look what the booklet for
RYB(180, 200, 162) contains.

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Color

R_YB(180, 200, 162)

Conversions

Conversions Part 1

Format	Color
Hex	C8BCA2
RGB	200, 188, 162
RGB Percent	78%, 74%, 64%
CMY	0.2157, 0.2636, 0.3647
CMYK	0.00, 0.06, 0.19, 0.22
HSL	41°, 26%, 71%
HSV	41°, 19%, 78%
XYZ	48.2785, 50.7629, 41.4361
YIQ	188.6240, 15.4980, -5.5420

Conversions

Conversions Part 2

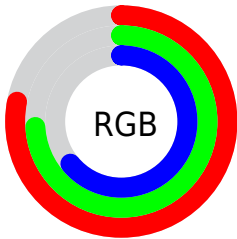
Format	Color
RYB	180, 200, 162
Decimal	13155490
CIELab	76.54, 0.08, 14.61
CIELCh	77, 14.610, 89.678
Yxy	50.7629, 0.3437, 0.3614
Android (android.graphics.Color)	4291345570 (0xFFC8BCA2)
YUV	188.6240, -13.1256, 9.9768
Hunter-Lab	71.2481, -3.7307, 15.3921

Details

The RYB color **180, 200, 162** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **162, 171, 200**, and the grayscale version is **189, 189, 189**.

A 20% lighter version of the original color is **232, 255, 217**, and **126, 146, 110** is the 20% darker color. If you saturate the color by 10%, you get **170, 200, 142**, and if you desaturate by 10%, it is **191, 200, 182**.

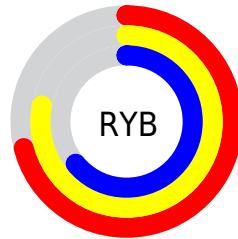
Distribution



Red (78%)

Green (74%)

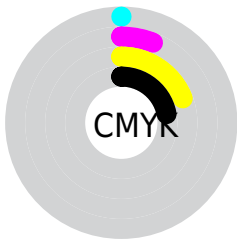
Blue (64%)



Red (71%)

Yellow (78%)

Blue (64%)

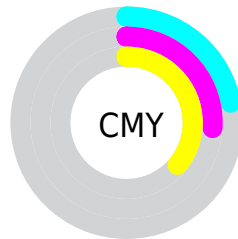


Cyan (0%)

Magenta (6%)

Yellow (19%)

Black (22%)



Cyan (22%)

Magenta (26%)

Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the RYB color 180, 200, 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 180, 200, 162 by changing the saturation by 10% instead.

 180, 200, 162

 180, 200, 162


255, 255, 255


 154, 173, 136

 232, 255, 217


 126, 146, 110

 245, 255, 245

 102, 120, 86

 78, 95, 63

 54, 71, 41

 31, 48, 20

 9, 27, 0

 0, 0, 0

 180, 200, 162

 180, 200, 162

■ 170, 200, 142

■ 191, 200, 182

■ 159, 200, 122

■ 200, 201, 202

■ 147, 200, 102

■ 200, 205, 222

■ 138, 200, 82

■ 200, 211, 242

■ 127, 200, 62

■ 200, 215, 255

■ 117, 200, 42

■ 200, 218, 255

■ 106, 200, 22

■ 200, 221, 255

■ 97, 200, 2

■ 200, 223, 255

■ 94, 200, 0

■ 200, 225, 255

Harmonies

Analogous

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



212, 193, 166



180, 200, 162



165, 192, 172

Triad

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



180, 200, 162



154, 176, 202



207, 182, 203

Complementary

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



180, 200, 162



162, 171, 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.



191, 185, 212



180, 200, 162



160, 181, 212

Square

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



180, 200, 162



158, 180, 197



174, 186, 216



216, 180, 189

Rectangle

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



180, 200, 162



171, 194, 190



174, 186, 216



202, 183, 206

Sweetspot

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



180, 200, 162



248, 255, 240



200, 162, 175



124, 128, 119



0, 0, 0



128, 128, 128

Same Dimension

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



180, 200, 162



224, 255, 196



162, 200, 168



95, 99, 90



76, 163, 0



18, 36, 0

Inverse Universe

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



162, 171, 200



196, 210, 255



168, 162, 200



90, 92, 99



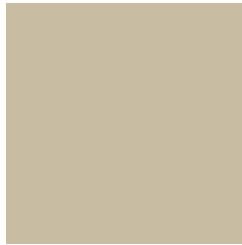
0, 39, 163



0, 8, 36

Previews

White Background



This preview shows how the RYB color 180, 200, 162 looks on a white background.

Color Contrast Check

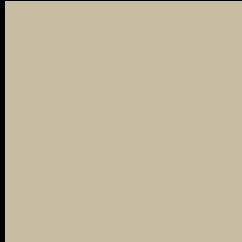
Large Text (above 18pt) WCAG AA × Fail

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 180, 200, 162 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

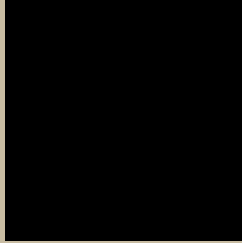
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

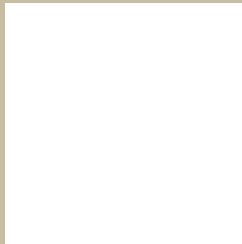
Any Text WCAG AAA ✓ Pass

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

RYB 180, 200, 162 Background



This preview shows how black text looks on a background with the RYB color 180, 200, 162.




This preview shows how white text looks on a background with the RYB color 180, 200, 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





Tritanopia
205, 183, 197

Trichromacy



Original Color

180, 200, 162

Protanomaly

178, 199, 162

Deuteranomaly

210, 201, 163

Tritanomaly

203, 185, 184

Monochromacy



Original Color

180, 200, 162

Achromatopsia

188, 188, 188

Achromatomaly

185, 192, 179

CSS Examples

Text

The CSS property to change the color of the text to RYB 180, 200, 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(200, 188, 162) looks like.

```
.text, #text, p{  
    color:rgb(200, 188, 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(200, 188, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 188, 162) }
```

Border

The CSS property to change the border of an element to RYB 180, 200, 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(200, 188, 162) }
```

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

```
.border{ border-color:rgb(200, 188, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 188, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 188, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 188, 162);  
box-shadow:4px 4px 4px 4px rgb(200, 188,  
162) }
```

Background

The CSS property to change the background color of an element to RYB 180, 200, 162 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 188, 162) }
```

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

```
.background{ background-color: rgb(200,  
188, 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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