

Converting Colors

`RYB(202, 189, 162)`

Have a look what the booklet for
RYB(202, 189, 162) contains.

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Color

R_YB(202, 189, 162)

Conversions

Conversions Part 1

Format	Color
Hex	CAB2A2
RGB	202, 178, 162
RGB Percent	79%, 70%, 64%
CMY	0.2078, 0.3015, 0.3647
CMYK	0.00, 0.12, 0.20, 0.21
HSL	24°, 27%, 71%
HSV	24°, 20%, 79%
XYZ	46.8229, 47.0535, 40.7968
YIQ	183.3520, 19.4400, 0.1120

Conversions

Conversions Part 2

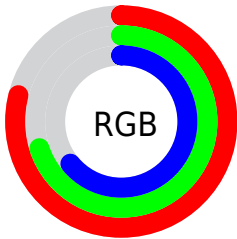
Format	Color
RYB	202, 189, 162
Decimal	13284002
CIELab	74.22, 5.99, 11.37
CIELCh	74, 12.857, 62.212
Yxy	47.0535, 0.3477, 0.3494
Android (android.graphics.Color)	4291474082 (0xFFCAB2A2)
YUV	183.3520, -10.5265, 16.3543
Hunter-Lab	68.5956, 1.8007, 12.7545

Details

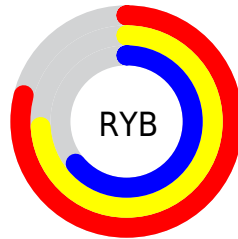
The RYB color **202, 189, 162** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **162, 177, 202**, and the grayscale version is **184, 184, 184**.

A 20% lighter version of the original color is **255, 248, 217**, and **148, 135, 110** is the 20% darker color. If you saturate the color by 10%, you get **202, 182, 142**, and if you desaturate by 10%, it is **202, 195, 182**.

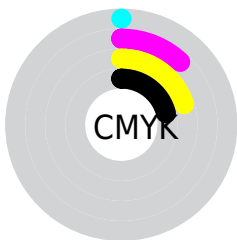
Distribution



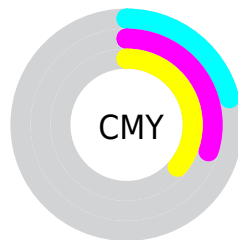
- Red (79%)
- Green (70%)
- Blue (64%)



- Red (79%)
- Yellow (74%)
- Blue (64%)



- Cyan (0%)
- Magenta (12%)
- Yellow (20%)
- Black (21%)



- Cyan (21%)
- Magenta (30%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the RYB color 202, 189, 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 202, 189, 162 by changing the saturation by 10% instead.


 202, 189, 162

255, 255, 255


 255, 248, 217

 245, 255, 245

 202, 189, 162

 174, 161, 136

 148, 138, 110

 121, 112, 86

 96, 87, 63

 72, 63, 41


 49, 44, 20


 29, 15, 0


 0, 0, 0

 202, 189, 162


 202, 189, 162

 202, 182, 142


 202, 195, 182

 202, 175, 122


 202, 202, 202

 202, 170, 101


 202, 210, 223

 202, 163, 81


 202, 217, 243

 202, 157, 61

 202, 223, 255

 202, 150, 41

 202, 227, 255

 202, 143, 21

 202, 229, 255

 202, 138, 0

 202, 135, 0

Harmonies

Analogous

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



208, 176, 170



202, 189, 162



172, 191, 159

Triad

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



202, 189, 162



155, 174, 190



186, 179, 202

Complementary

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



202, 189, 162



162, 177, 202

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.



171, 180, 206



202, 189, 162



153, 172, 195

Square

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



202, 189, 162



165, 183, 188



159, 176, 203



199, 176, 194

Rectangle

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



202, 189, 162



161, 184, 162



159, 176, 203



181, 181, 204

Sweetspot

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



202, 189, 162



255, 250, 240



202, 162, 186



128, 124, 119



0, 0, 0



128, 128, 128

Same Dimension

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



202, 189, 162



255, 234, 194



166, 202, 162



102, 99, 92



166, 112, 0



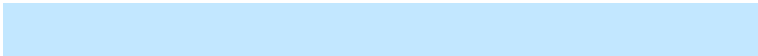
38, 25, 0

Inverse Universe

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



162, 177, 202



194, 217, 255



162, 166, 202



92, 96, 102



0, 62, 166



0, 14, 38

Previews

White Background



This preview shows how the RYB color 202, 189, 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 202, 189, 162 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

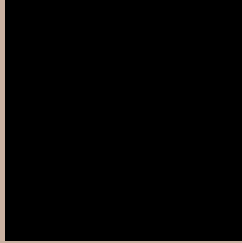
Any Text WCAG AA ✓ Pass

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 202, 189, 162 Background



This preview shows how black text looks on a background with the RYB color 202, 189, 162.



This preview shows how white text looks on a background with the RYB color 202, 189, 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
202, 189, 162

Protanopia
176, 190, 164

Deuteranopia
208, 182, 162



Tritanopia
205, 174, 188

Trichromacy



Original Color

202, 189, 162

Protanomaly

185, 194, 163

Deuteranomaly

206, 185, 162

Tritanomaly

204, 175, 179

Monochromacy



Original Color

202, 189, 162

Achromatopsia

183, 183, 183

Achromatomaly

190, 185, 175

CSS Examples

Text

The CSS property to change the color of the text to RYB 202, 189, 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(202, 178, 162) looks like.

```
.text, #text, p{  
    color:rgb(202, 178, 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(202, 178, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 178, 162) }
```

Border

The CSS property to change the border of an element to RYB 202, 189, 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(202, 178, 162) }
```

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

```
.border{ border-color:rgb(202, 178, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 178, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 178, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 178, 162);  
box-shadow:4px 4px 4px 4px rgb(202, 178,  
162) }
```

Background

The CSS property to change the background color of an element to RYB 202, 189, 162 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 178, 162) }
```

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

```
.background{ background-color: rgb(202,  
178, 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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