

Converting Colors

`RYB(203, 170, 135)`

Have a look what the booklet for
RYB(203, 170, 135) contains.

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Color

R_YB(203, 170, 135)

Conversions

Conversions Part 1

Format	Color
Hex	CB9E87
RGB	203, 158, 135
RGB Percent	80%, 62%, 53%
CMY	0.2039, 0.3800, 0.4706
CMYK	0.00, 0.22, 0.33, 0.20
HSL	20°, 40%, 66%
HSV	20°, 33%, 80%
XYZ	41.2469, 38.9360, 28.2631
YIQ	168.8330, 34.2030, 2.3870

Conversions

Conversions Part 2

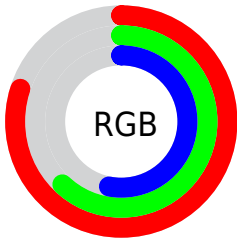
Format	Color
R _Y B	203, 170, 135
Decimal	13344391
CIE Lab	68.70, 13.44, 18.46
CIE LCh	69, 22.837, 53.945
Yxy	38.9360, 0.3803, 0.3590
Android (android.graphics.Color)	4291534471 (0xFFCB9E87)
YUV	168.8330, -16.6797, 29.9645
Hunter-Lab	62.3987, 8.7946, 16.8240

Details

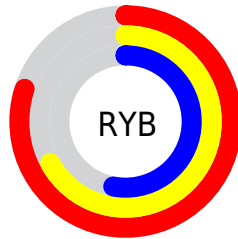
The RYB color **203, 170, 135** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **135, 162, 203**, and the grayscale version is **169, 169, 169**.

A 20% lighter version of the original color is **255, 228, 188**, and **148, 119, 85** is the 20% darker color. If you saturate the color by 10%, you get **203, 161, 115**, and if you desaturate by 10%, it is **203, 181, 155**.

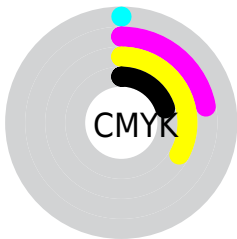
Distribution



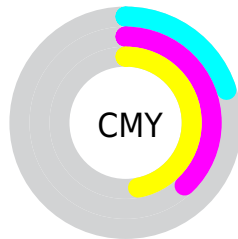
- Red (80%)
- Green (62%)
- Blue (53%)



- Red (80%)
- Yellow (67%)
- Blue (53%)



- Cyan (0%)
- Magenta (22%)
- Yellow (33%)
- Black (20%)



- Cyan (20%)
- Magenta (38%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the RYB color 203, 170, 135 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 203, 170, 135 by changing the saturation by 10% instead.


 203, 170, 135

255, 255, 255


 255, 228, 188


 238, 255, 216

 245, 255, 245

 203, 170, 135

 175, 143, 110

 148, 119, 85

 121, 92, 62

 95, 69, 40

 70, 47, 19

 46, 27, 0

 18, 0, 0


 0, 0, 0

 203, 170, 135


 203, 170, 135

 203, 161, 115


 203, 181, 155

 203, 150, 94


 203, 190, 176

 203, 141, 74


 203, 199, 196

 203, 129, 54

 203, 208, 216

 203, 120, 34

 203, 216, 237

 203, 112, 13

 203, 224, 255

 203, 105, 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.



210, 154, 152



203, 170, 135



162, 187, 127

Triad

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



203, 170, 135



120, 154, 179



166, 164, 205

Complementary

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



203, 170, 135



135, 162, 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.



137, 160, 208



203, 170, 135



109, 145, 184

Square

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



203, 170, 135



142, 175, 176



115, 151, 200



190, 157, 192

Rectangle

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



203, 170, 135



131, 173, 127



115, 151, 200



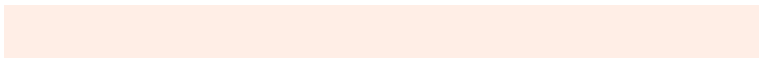
156, 164, 207

Sweetspot

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



203, 170, 135



255, 242, 230



203, 135, 180



128, 119, 112



0, 0, 0



128, 128, 128

Same Dimension

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



203, 170, 135



255, 206, 153



148, 203, 135



102, 96, 92



166, 85, 0



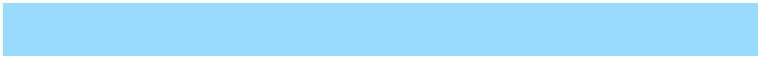
38, 20, 0

Inverse Universe

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



135, 162, 203



153, 193, 255



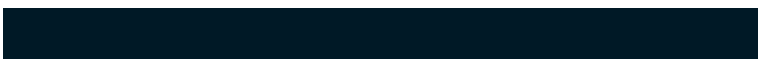
135, 144, 203



92, 96, 102



0, 66, 166



0, 15, 38

Previews

White Background



This preview shows how the RYB color 203, 170, 135 looks on a white background.

Color Contrast Check

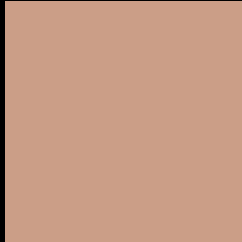
Large Text (above 18pt) WCAG AA × Fail

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 203, 170, 135 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

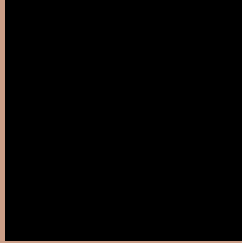
Any Text WCAG AA ✓ Pass

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 203, 170, 135 Background



This preview shows how black text looks on a background with the RYB color 203, 170, 135.



This preview shows how white text looks on a background with the RYB color 203, 170, 135.

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
203, 170, 135

Protanopia
153, 177, 139

Deuteranopia
196, 182, 134



Tritanopia
206, 154, 166

Trichromacy



Original Color
203, 170, 135

Protanomaly
179, 186, 138

Deuteranomaly
199, 177, 134

Tritanomaly
205, 155, 155

Monochromacy



Original Color
203, 170, 135

Achromatopsia
169, 169, 169

Achromatomaly
181, 169, 157

CSS Examples

Text

The CSS property to change the color of the text to RYB 203, 170, 135 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, 158, 135) looks like.

```
.text, #text, p{  
    color:rgb(203, 158, 135)  
}
```

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, 158, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 158, 135) }
```

Border

The CSS property to change the border of an element to RYB 203, 170, 135 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, 158, 135) }
```

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

```
.border{ border-color:rgb(203, 158, 135) }
```

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

Here you see how a box with a 4 pixel rgb(203, 158, 135) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 158, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 158, 135);  
box-shadow:4px 4px 4px 4px rgb(203, 158,  
135) }
```

Background

The CSS property to change the background color of an element to RGB 203, 158, 135 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 158, 135) }
```

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

```
.background{ background-color: rgb(203,  
158, 135) }
```

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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