

Converting Colors

`RYB(209, 200, 170)`

Have a look what the booklet for
RYB(209, 200, 170) contains.

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Color

RYB(209, 200, 170)

Conversions

Conversions Part 1

Format	Color
Hex	D1BBAA
RGB	209, 187, 170
RGB Percent	82%, 73%, 67%
CMY	0.1804, 0.2668, 0.3333
CMYK	0.00, 0.11, 0.19, 0.18
HSL	26°, 30%, 74%
HSV	26°, 19%, 82%
XYZ	51.3113, 51.9798, 45.3589
YIQ	191.6400, 18.5690, -0.6230

Conversions

Conversions Part 2

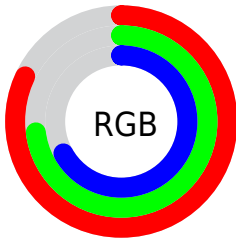
Format	Color
R _Y B	209, 200, 170
Decimal	13745066
CIE Lab	77.27, 5.10, 11.44
CIE LCh	77, 12.525, 65.948
Yxy	51.9798, 0.3452, 0.3497
Android (android.graphics.Color)	4291935146 (0xFFD1BBAA)
YUV	191.6400, -10.6685, 15.2247
Hunter-Lab	72.0970, 0.8683, 13.1664

Details

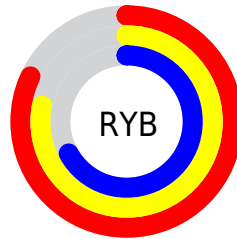
The RYB color **209, 200, 170** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **170, 184, 209**, and the grayscale version is **192, 192, 192**.

A 20% lighter version of the original color is **245, 255, 225**, and **154, 147, 118** is the 20% darker color. If you saturate the color by 10%, you get **209, 195, 149**, and if you desaturate by 10%, it is **209, 205, 191**.

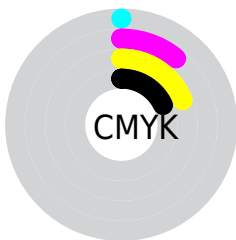
Distribution



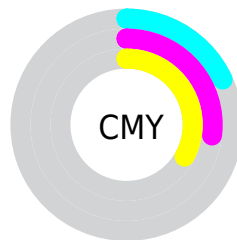
- Red (82%)
- Green (73%)
- Blue (67%)



- Red (82%)
- Yellow (78%)
- Blue (67%)



- Cyan (0%)
- Magenta (11%)
- Yellow (19%)
- Black (18%)



- Cyan (18%)
- Magenta (27%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the RYB color 209, 200, 170 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 209, 200, 170 by changing the saturation by 10% instead.

 209, 200, 170


255, 255, 255


 245, 255, 225

254, 255, 254

 209, 200, 170

 181, 172, 144

 154, 147, 118

 128, 122, 93

 103, 94, 70

 78, 73, 47

 55, 50, 26

 27, 34, 0

 0, 0, 0

 209, 200, 170

 209, 200, 170

 209, 195, 149

 209, 205, 191

 209, 190, 128

 209, 210, 212

 209, 188, 107

 209, 217, 233

 209, 182, 86

 209, 225, 254

 209, 177, 65

 209, 230, 255

 209, 170, 45

 209, 232, 255

 209, 165, 24

 209, 160, 3

 209, 161, 0

Harmonies

Analogous

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



215, 185, 178



209, 200, 170



177, 198, 168

Triad

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



209, 200, 170



163, 182, 198



196, 187, 210

Complementary

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



209, 200, 170



170, 184, 209

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.



181, 189, 214



209, 200, 170



162, 181, 204

Square

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



209, 200, 170



172, 190, 197



169, 185, 212



208, 184, 201

Rectangle

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



209, 200, 170



170, 193, 174



169, 185, 212



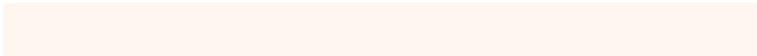
191, 188, 212

Sweetspot

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



209, 200, 170



255, 250, 240



209, 170, 192



128, 124, 119



0, 0, 0



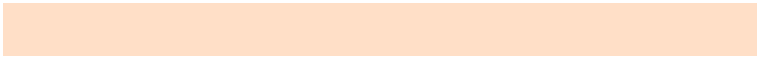
128, 128, 128

Same Dimension

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



209, 200, 170



255, 241, 199



173, 209, 170



105, 103, 94



168, 129, 0



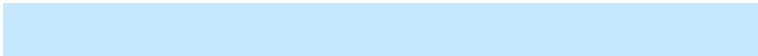
41, 32, 0

Inverse Universe

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



170, 184, 209



199, 219, 255



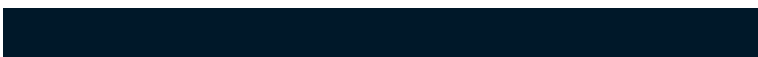
170, 173, 209



94, 98, 105



0, 61, 168



0, 15, 41

Previews

White Background



This preview shows how the RYB color 209, 200, 170 looks on a white background.

Color Contrast Check

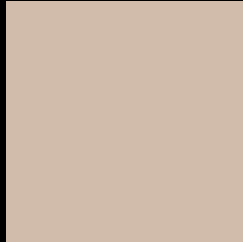
Large Text (above 18pt) WCAG AA × Fail

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 209, 200, 170 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

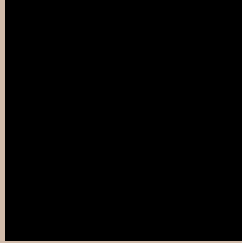
Any Text WCAG AA ✓ Pass

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 209, 200, 170 Background



This preview shows how black text looks on a background with the RYB color 209, 200, 170.



This preview shows how white text looks on a background with the RYB color 209, 200, 170.

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
209, 200, 170

Protanopia
186, 199, 172

Deuteranopia
217, 189, 171



Tritanopia
212, 183, 197

Trichromacy



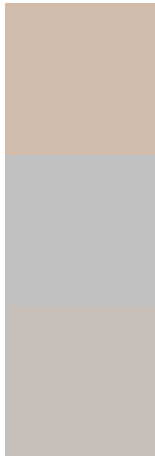
Original Color
209, 200, 170

Protanomaly
196, 203, 171

Deuteranomaly
214, 192, 171

Tritanomaly
211, 184, 187

Monochromacy



Original Color
209, 200, 170

Achromatopsia
192, 192, 192

Achromatomaly
198, 195, 184

CSS Examples

Text

The CSS property to change the color of the text to RYB 209, 200, 170 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(209, 187, 170) looks like.

```
.text, #text, p{  
    color:rgb(209, 187, 170)  
}
```

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(209, 187, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 187, 170) }
```

Border

The CSS property to change the border of an element to RYB 209, 200, 170 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(209, 187, 170) }
```

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

```
.border{ border-color:rgb(209, 187, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 187, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(209, 187, 170); -webkit-box-shadow:4px 4px 4px 4px rgb(209, 187, 170); box-shadow:4px 4px 4px 4px rgb(209, 187, 170) }
```

Background

The CSS property to change the background color of an element to RYB 209, 200, 170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 187, 170) }
```

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

```
.background{ background-color: rgb(209,  
187, 170) }
```

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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