

Converting Colors

`RYB(208, 192, 170)`

Have a look what the booklet for
RYB(208, 192, 170) contains.

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Color

R_YB(208, 192, 170)

Conversions

Conversions Part 1

Format	Color
Hex	D0B8AA
RGB	208, 184, 170
RGB Percent	82%, 72%, 67%
CMY	0.1843, 0.2787, 0.3333
CMYK	0.00, 0.12, 0.18, 0.18
HSL	22°, 29%, 74%
HSV	22°, 18%, 82%
XYZ	50.3948, 50.5655, 45.1342
YIQ	189.5800, 18.7980, 0.7340

Conversions

Conversions Part 2

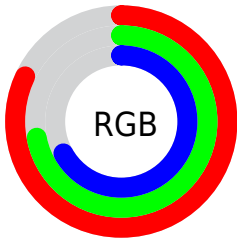
Format	Color
R_{YB}	208, 192, 170
Decimal	13678762
CIE _{Lab}	76.42, 6.35, 10.21
CIE _{LCh}	76, 12.024, 58.144
Yxy	50.5655, 0.3449, 0.3461
Android (android.graphics.Color)	4291868842 (0xFFD0B8AA)
YUV	189.5800, -9.6529, 16.1543
Hunter-Lab	71.1094, 2.0603, 12.1443

Details

The RYB color **208, 192, 170** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **170, 185, 208**, and the grayscale version is **190, 190, 190**.

A 20% lighter version of the original color is **255, 255, 225**, and **153, 139, 118** is the 20% darker color. If you saturate the color by 10%, you get **208, 184, 149**, and if you desaturate by 10%, it is **208, 200, 191**.

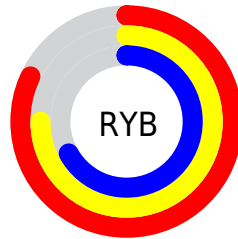
Distribution



Red (82%)

Green (72%)

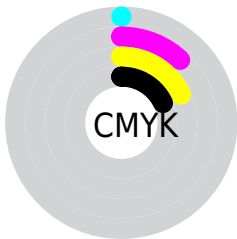
Blue (67%)



Red (82%)

Yellow (75%)

Blue (67%)

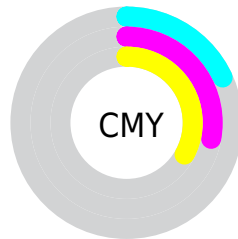


Cyan (0%)

Magenta (12%)

Yellow (18%)

Black (18%)



Cyan (18%)

Magenta (28%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the RYB color 208, 192, 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 208, 192, 170 by changing the saturation by 10% instead.


 208, 192, 170

255, 255, 255

 255, 255, 225

254, 255, 254

 208, 192, 170

 180, 164, 144

 153, 139, 118

 127, 114, 93

 102, 89, 70

 77, 67, 47

 54, 44, 26

 34, 30, 0

 0, 0, 0

 208, 192, 170

 208, 192, 170

■ 208, 184, 149

■ 208, 200, 191

■ 208, 176, 128

■ 208, 209, 212

■ 208, 164, 108

■ 208, 217, 232

■ 208, 156, 87

■ 208, 226, 253

■ 208, 148, 66

■ 208, 230, 255

■ 208, 140, 45

■ 208, 232, 255

■ 208, 132, 24

■ 208, 123, 4

■ 208, 120, 0

Harmonies

Analogous

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



212, 183, 178



208, 192, 170



183, 198, 166

Triad

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



208, 192, 170



164, 182, 195



190, 186, 208

Complementary

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



208, 192, 170



170, 185, 208

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.



176, 186, 210



208, 192, 170



161, 179, 198

Square

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



208, 192, 170



173, 191, 194



165, 182, 207



203, 183, 200

Rectangle

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



208, 192, 170



167, 190, 167



165, 182, 207



185, 187, 209

Sweetspot

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



208, 192, 170



255, 250, 242



208, 170, 194



128, 125, 120



0, 0, 0



128, 128, 128

Same Dimension

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



208, 192, 170



255, 230, 199



176, 208, 170



105, 100, 94



168, 98, 0



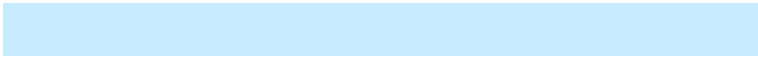
41, 24, 0

Inverse Universe

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



170, 185, 208



199, 221, 255



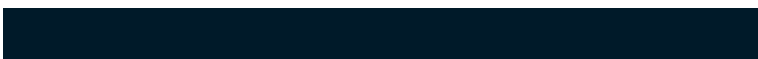
170, 174, 208



94, 98, 105



0, 65, 168



0, 16, 41

Previews

White Background



This preview shows how the RYB color 208, 192, 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 208, 192, 170 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

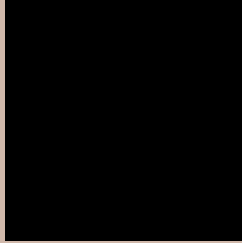
Any Text WCAG AA ✓ Pass

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 208, 192, 170 Background



This preview shows how black text looks on a background with the RYB color 208, 192, 170.



This preview shows how white text looks on a background with the RYB color 208, 192, 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
208, 192, 170

Protanopia
184, 196, 172

Deuteranopia
213, 187, 170



Tritanopia
211, 180, 194

Trichromacy



Original Color

208, 192, 170

Protanomaly

195, 200, 171

Deuteranomaly

211, 189, 170

Tritanomaly

210, 181, 185

Monochromacy



Original Color

208, 192, 170

Achromatopsia

190, 190, 190

Achromatomaly

197, 191, 183

CSS Examples

Text

The CSS property to change the color of the text to RYB 208, 192, 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(208, 184, 170) looks like.

```
.text, #text, p{  
    color:rgb(208, 184, 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(208, 184, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 184, 170) }
```

Border

The CSS property to change the border of an element to RYB 208, 192, 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(208, 184, 170) }
```

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

```
.border{ border-color:rgb(208, 184, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 184, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 184, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 184, 170);  
box-shadow:4px 4px 4px 4px rgb(208, 184,  
170) }
```

Background

The CSS property to change the background color of an element to RGB 208, 184, 170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 184, 170) }
```

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

```
.background{ background-color: rgb(208,  
184, 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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