Converting Colors

RYB(210, 210, 190)

Have a look what the booklet for RYB(210, 210, 190) contains.

Color

RYB(210, 210, 190)

Conversions

Format	Color
Hex	D2C8BE
RGB	210, 200, 190
RGB Percent	82%, 78%, 75%
CMY	0.1765, 0.2157, 0.2549
CMYK	0.00, 0.05, 0.10, 0.18
HSL	30°, 18%, 78%
HSV	30°, 10%, 82%
XYZ	56.5269, 58.7279, 57.0715
YIQ	201.8500, 9.1700, -0.9900

Conversions Part 1

Conversions

Conversions Part 2

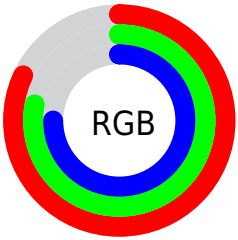
Format	Color
RYB	210, 210, 190
Decimal	13813950
CIELab	81.14, 1.76, 6.23
CIELCh	81, 6.474, 74.204
Yxy	58.7279, 0.3280, 0.3408
Android (android.graphics.Color)	4292004030 (0xFFD2C8BE)
YUV	201.8500, -5.8420, 7.1476
Hunter-Lab	76.6341, -2.4445, 9.4890

Details

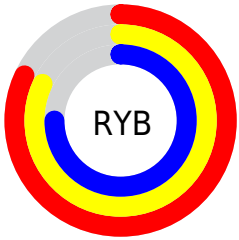
The RYB color 210, 210, 190 is a light color, and the websafe version is hex CCCCCC. A complement of this color would be 190, 197, 210, and the grayscale version is 202, 202, 202.

A 20% lighter version of the original color is 246, 255, 246, and 155, 155, 137 is the 20% darker color. If you saturate the color by 10%, you get 208, 210, 169, and if you desaturate by 10%, it is 210, 211, 211.

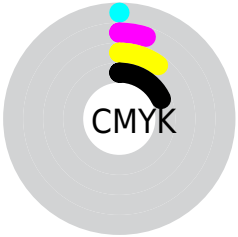
Distribution



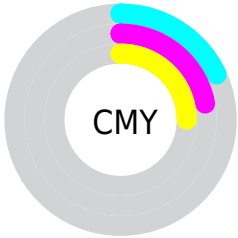
- Red (82%)
- Green (78%)
- Blue (75%)



- Red (82%)
- Yellow (82%)
- Blue (75%)



- Cyan (0%)
- Magenta (5%)
- Yellow (10%)
- Black (18%)



- Cyan (18%)
- Magenta (22%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the RYB color 210, 210, 190 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 210, 210, 190 by changing the saturation by 10% instead.

210, 210, 190	210, 210, 190
255, 255, 255	180, 182, 163
246, 255, 246	155, 155, 137
	129, 129, 111
	102, 104, 87
	80, 80, 64
	55, 57, 42
	32, 35, 21
	11, 4, 0
	0, 0, 0

210, 210, 190	210, 210, 190
208, 210, 169	210, 211, 211
210, 210, 148	210, 217, 232
208, 210, 127	210, 225, 253
210, 210, 106	210, 229, 255
210, 208, 85	210, 232, 255
210, 210, 64	210, 233, 255
208, 210, 43	
210, 210, 22	
208, 210, 1	

Harmonies

Analogous

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

214, 200, 193

210, 210, 190

192, 204, 190

Triad

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

210, 210, 190

187, 196, 205

206, 199, 210

Complementary

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

210, 210, 190

190, 197, 210

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.

199, 201, 213

210, 210, 190

188, 198, 210

Square

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

210, 210, 190

190, 200, 205

192, 199, 213

212, 198, 205

Rectangle

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

210, 210, 190

191, 203, 195

192, 199, 213

204, 200, 212

Sweetspot

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

210, 210, 190

255, 255, 247

210, 190, 200

128, 128, 122

0, 0, 0

128, 128, 128

Same Dimension

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

210, 210, 190

255, 255, 227

190, 210, 190

105, 103, 94

168, 168, 0

41, 39, 0

Inverse Universe

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

190, 197, 210

227, 236, 255

190, 190, 210

94, 97, 105

0, 56, 168

0, 13, 41

Previews

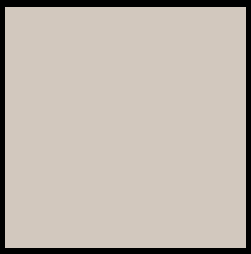
White Background

This preview shows how the RYB color 210, 210, 190 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



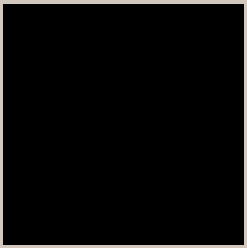
This preview shows how the RYB color 210, 210, 190 looks on a black background.

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 210, 210, 190 Background



This preview shows how black text looks on a background with the RYB color 210, 210, 190.

This preview shows how white text looks on a background with the RYB color 210, 210, 190.

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
210, 210, 190

Protanopia
201, 208, 190

Deuteranopia
225, 196, 191

Tritanopia
213, 197, 212

Trichromacy

Original Color
210, 210, 190

Protanomaly
204, 209, 190

Deuteranomaly
220, 199, 191

Tritanomaly
212, 198, 204

Monochromacy

Original Color
210, 210, 190

Achromatopsia
202, 202, 202

Achromatomaly
205, 203, 198

CSS Examples

Text

The CSS property to change the color of the text to RYB 210, 210, 190 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(210, 200, 190) looks like.

```
.text, #text, p{
    color:rgb(210, 200, 190)
}
```

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(210, 200, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 200, 190) }
```

Border

The CSS property to change the border of an element to RYB 210, 210, 190 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(210, 200, 190) }
```

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

```
.border{ border-color:rgb(210, 200, 190) }
```

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

Here you see how a box with a 4 pixel rgb(210, 200, 190) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(210, 200, 190); -webkit-box-shadow:4px 4px 4px 4px rgb(210, 200, 190); box-shadow:4px 4px 4px 4px rgb(210, 200, 190) }
```

Background

The CSS property to change the background color of an element to RYB 210, 210, 190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(210, 200, 190) }
```

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

```
.background{ background-color:rgb(210,
200, 190) }
```

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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