

Converting Colors

`RYB(210, 191, 189)`

Have a look what the booklet for
RYB(210, 191, 189) contains.

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Color

$\text{RYB}(210, 191, 189)$

Conversions

Conversions Part 1

Format	Color
Hex	D2BFBD
RGB	210, 191, 189
RGB Percent	82%, 75%, 74%
CMY	0.1765, 0.2517, 0.2588
CMYK	0.00, 0.09, 0.10, 0.18
HSL	5°, 19%, 78%
HSV	5°, 10%, 82%
XYZ	54.3565, 54.5616, 55.8106
YIQ	196.4530, 11.9660, 3.4060

Conversions

Conversions Part 2

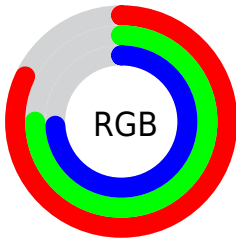
Format	Color
R _Y B	210, 191, 189
Decimal	13811645
CIE Lab	78.79, 6.46, 3.37
CIE LCh	79, 7.282, 27.549
Yxy	54.5616, 0.3300, 0.3312
Android (android.graphics.Color)	4292001725 (0xFFD2BFBD)
YUV	196.4530, -3.6743, 11.8807
Hunter-Lab	73.8658, 2.0899, 6.9084

Details

The RYB color **210, 191, 189** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **189, 199, 210**, and the grayscale version is **196, 196, 196**.

A 20% lighter version of the original color is **255, 248, 245**, and **155, 138, 136** is the 20% darker color. If you saturate the color by 10%, you get **210, 172, 168**, and if you desaturate by 10%, it is **210, 210, 210**.

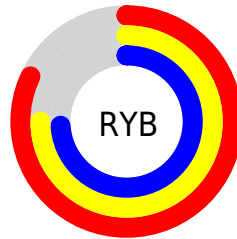
Distribution



Red (82%)

Green (75%)

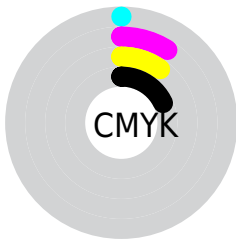
Blue (74%)



Red (82%)

Yellow (75%)

Blue (74%)

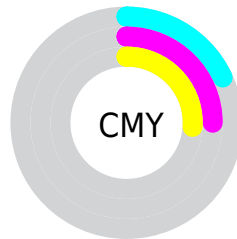


Cyan (0%)

Magenta (9%)

Yellow (10%)

Black (18%)



Cyan (18%)

Magenta (25%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the RYB color 210, 191, 189 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, 191, 189 by changing the saturation by 10% instead.

 210, 191, 189

255, 255, 255

 255, 248, 245

 210, 191, 189

 182, 164, 162

 155, 137, 136

 129, 112, 110

 104, 88, 86

 80, 64, 63


 57, 42, 41


 35, 22, 21

 3, 0, 0


 0, 0, 0

 210, 191, 189


 210, 191, 189

 210, 172, 168


 210, 210, 210

 210, 152, 147

 210, 220, 231


 210, 134, 126


 210, 230, 252

 210, 115, 105

 210, 233, 255

 210, 96, 84

 210, 77, 63

 210, 58, 42

 210, 38, 21

 210, 20, 0

Harmonies

Analogous

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



209, 191, 196



210, 191, 189



207, 196, 184

Triad

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



210, 191, 189



186, 196, 198



188, 194, 208

Complementary

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



210, 191, 189



189, 199, 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.



181, 191, 206



210, 191, 189



180, 191, 199

Square

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



210, 191, 189



183, 197, 186



179, 189, 201



196, 193, 207

Rectangle

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



210, 191, 189



200, 204, 182



179, 189, 201



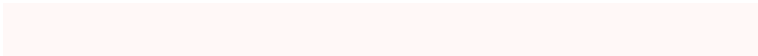
185, 192, 208

Sweetspot

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



210, 191, 189



255, 248, 247



210, 189, 208



128, 123, 122



0, 0, 0



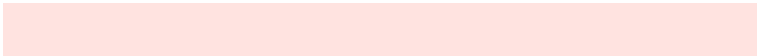
128, 128, 128

Same Dimension

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



210, 191, 189



255, 227, 224



205, 210, 189



105, 95, 94



168, 16, 0



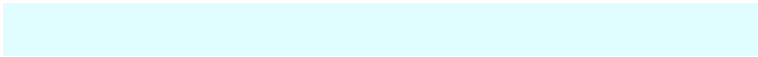
41, 4, 0

Inverse Universe

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



189, 199, 210



224, 239, 255



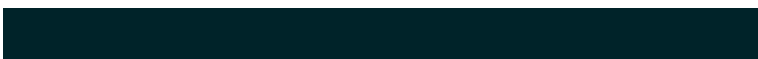
189, 195, 210



94, 99, 105



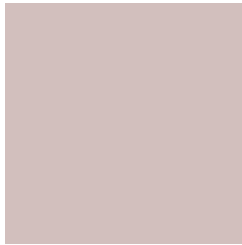
0, 80, 168



0, 19, 41

Previews

White Background



This preview shows how the RYB color 210, 191, 189 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, 191, 189 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

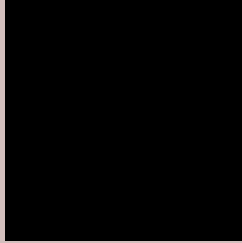
Any Text WCAG AA ✓ Pass

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](#).

R Y B 210, 191, 189 Background



This preview shows how black text looks on a background with the RYB color 210, 191, 189.



This preview shows how white text looks on a background with the RYB color 210, 191, 189.

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, 191, 189

Protanopia
199, 196, 191

Deuteranopia
216, 189, 189



Tritanopia
212, 189, 203

Trichromacy



Original Color

210, 191, 189

Protanomaly

203, 194, 190

Deuteranomaly

214, 190, 189

Tritanomaly

211, 190, 198

Monochromacy



Original Color

210, 191, 189

Achromatopsia

196, 196, 196

Achromatomaly

201, 194, 193

CSS Examples

Text

The CSS property to change the color of the text to RYB 210, 191, 189 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, 191, 189) looks like.

```
.text, #text, p{  
    color:rgb(210, 191, 189)  
}
```

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, 191, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 191, 189) }
```

Border

The CSS property to change the border of an element to RYB 210, 191, 189 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, 191, 189) }
```

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

```
.border{ border-color:rgb(210, 191, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 191, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 191, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 191, 189);  
box-shadow:4px 4px 4px 4px rgb(210, 191,  
189) }
```

Background

The CSS property to change the background color of an element to RGB 210, 191, 189 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 191, 189) }
```

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

```
.background{ background-color: rgb(210,  
191, 189) }
```

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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