

Converting Colors

`RYB(190, 217, 191)`

Have a look what the booklet for
RYB(190, 217, 191) contains.

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Color

R_YB(190, 217, 191)

Conversions

Conversions Part 1

Format	Color
Hex	D8D9BE
RGB	216, 217, 190
RGB Percent	85%, 85%, 75%
CMY	0.1529, 0.1490, 0.2549
CMYK	0.00, 0.00, 0.12, 0.15
HSL	62°, 26%, 80%
HSV	62°, 12%, 85%
XYZ	62.4260, 67.9423, 58.5392
YIQ	213.6230, 8.0710, -8.6090

Conversions

Conversions Part 2

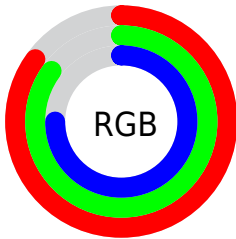
Format	Color
RYB	190, 217, 191
Decimal	14211518
CIELab	85.98, -4.94, 13.20
CIELCh	86, 14.090, 110.507
Yxy	67.9423, 0.3305, 0.3597
Android (android.graphics.Color)	4292401598 (0xFFD8D9BE)
YUV	213.6230, -11.6461, 2.0846
Hunter-Lab	82.4271, -9.0609, 15.5917

Details

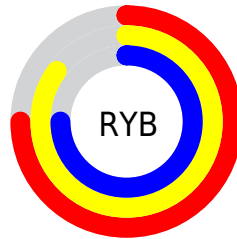
The RYB color **190, 217, 191** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **191, 190, 217**, and the grayscale version is **214, 214, 214**.

A 20% lighter version of the original color is **246, 255, 246**, and **137, 162, 138** is the 20% darker color. If you saturate the color by 10%, you get **168, 217, 170**, and if you desaturate by 10%, it is **212, 217, 212**.

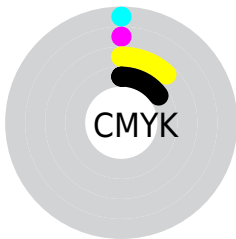
Distribution



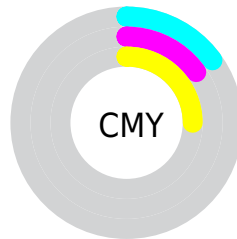
- Red (85%)
- Green (85%)
- Blue (75%)



- Red (75%)
- Yellow (85%)
- Blue (75%)



- Cyan (0%)
- Magenta (0%)
- Yellow (12%)
- Black (15%)



- Cyan (15%)
- Magenta (15%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the RYB color 190, 217, 191 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 190, 217, 191 by changing the saturation by 10% instead.

 190, 217, 191


255, 255, 255

 246, 255, 246

 190, 217, 191

 163, 189, 164


 137, 162, 138

 111, 136, 112

 87, 111, 89

 63, 86, 64

 41, 63, 42

 21, 41, 23

 0, 21, 2

 0, 0, 0

 190, 217, 191

 190, 217, 191

 168, 217, 170

 212, 217, 212

 147, 217, 150

 218, 217, 233

 125, 217, 128

 218, 217, 255


 103, 217, 107

 219, 217, 255

 82, 217, 87

 220, 217, 255

 60, 217, 66

 221, 217, 255

 38, 217, 45

 222, 217, 255

 16, 217, 23

 223, 217, 255

 0, 217, 8

Harmonies

Analogous

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



218, 230, 189



190, 217, 191



198, 221, 218

Triad

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



190, 217, 191



184, 205, 235



240, 206, 220

Complementary

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



190, 217, 191



191, 190, 217

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.



228, 209, 232



190, 217, 191



196, 210, 241

Square

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



190, 217, 191



181, 202, 224



212, 213, 240



244, 206, 206

Rectangle

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



190, 217, 191



192, 212, 222



212, 213, 240



237, 207, 224

Sweetspot

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



190, 217, 191



245, 255, 245



217, 191, 190



121, 128, 122



0, 0, 0



128, 128, 128

Same Dimension

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



190, 217, 191



217, 255, 218



190, 217, 204



99, 110, 100



0, 173, 6



0, 46, 2

Inverse Universe

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



191, 190, 217



218, 217, 255



204, 190, 217



99, 99, 110



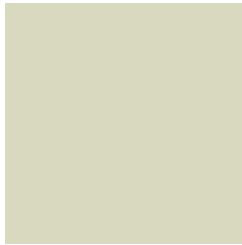
6, 0, 173



2, 0, 46

Previews

White Background



This preview shows how the RYB color 190, 217, 191 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 190, 217, 191 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

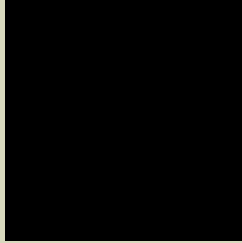
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

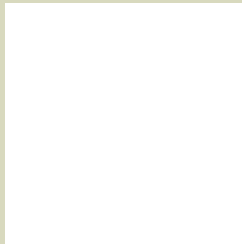
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 190, 217, 191 Background



This preview shows how black text looks on a background with the RYB color 190, 217, 191.



This preview shows how white text looks on a background with the RYB color 190, 217, 191.

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

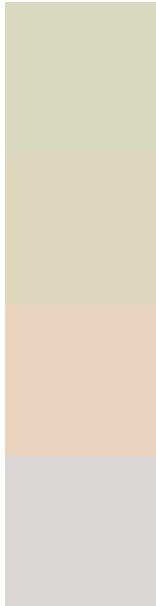




Tritanopia

221, 212, 228

Trichromacy



Original Color

190, 217, 191

Protanomaly

198, 222, 189

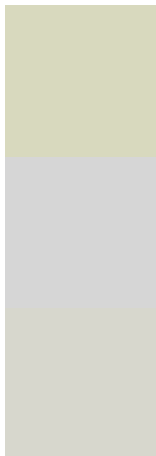
Deuteranomaly

234, 228, 191

Tritanomaly

219, 214, 214

Monochromacy



Original Color

190, 217, 191

Achromatopsia

214, 214, 214

Achromatomaly

205, 215, 205

CSS Examples

Text

The CSS property to change the color of the text to RYB 190, 217, 191 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(216, 217, 190) looks like.

```
.text, #text, p{  
    color:rgb(216, 217, 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(216, 217, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 217, 190) }
```

Border

The CSS property to change the border of an element to RYB 190, 217, 191 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(216, 217, 190) }
```

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

```
.border{ border-color:rgb(216, 217, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 217, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 217, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 217, 190);  
box-shadow:4px 4px 4px 4px rgb(216, 217,  
190) }
```

Background

The CSS property to change the background color of an element to RYB 190, 217, 191 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 217, 190) }
```

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

```
.background{ background-color: rgb(216,  
217, 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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