

Converting Colors

`RYB(189, 218, 192)`

Have a look what the booklet for
RYB(189, 218, 192) contains.

RYB(189, 218, 192)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(189, 218, 192)

Conversions

Conversions Part 1

Format	Color
Hex	D7DABD
RGB	215, 218, 189
RGB Percent	84%, 85%, 74%
CMY	0.1569, 0.1451, 0.2588
CMYK	0.01, 0.00, 0.13, 0.15
HSL	66°, 28%, 80%
HSV	66°, 13%, 85%
XYZ	62.2810, 68.2640, 58.0378
YIQ	213.7970, 7.5210, -9.6550

Conversions

Conversions Part 2

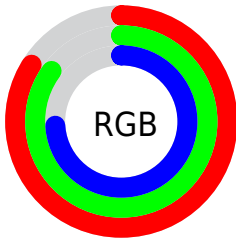
Format	Color
R _{YB}	189, 218, 192
Decimal	14146237
CIE Lab	86.14, -5.97, 13.94
CIE LCh	86, 15.162, 113.168
Yxy	68.2640, 0.3303, 0.3620
Android (android.graphics.Color)	4292336317 (0xFFD7DABD)
YUV	213.7970, -12.2249, 1.0550
Hunter-Lab	82.6220, -10.0341, 16.1872

Details

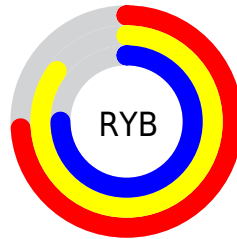
The RYB color **189, 218, 192** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **192, 189, 218**, and the grayscale version is **214, 214, 214**.

A 20% lighter version of the original color is **245, 255, 245**, and **136, 163, 139** is the 20% darker color. If you saturate the color by 10%, you get **167, 218, 172**, and if you desaturate by 10%, it is **211, 218, 212**.

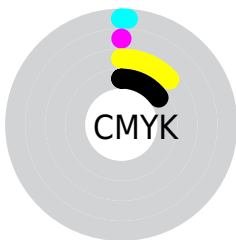
Distribution



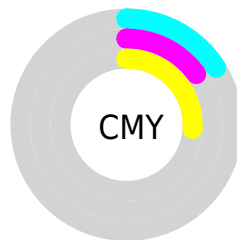
- Red (84%)
- Green (85%)
- Blue (74%)



- Red (74%)
- Yellow (85%)
- Blue (75%)



- Cyan (1%)
- Magenta (0%)
- Yellow (13%)
- Black (15%)



- Cyan (16%)
- Magenta (15%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the RYB color 189, 218, 192 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 189, 218, 192 by changing the saturation by 10% instead.

 189, 218, 192


255, 255, 255

 245, 255, 245


 189, 218, 192

 162, 190, 165

 136, 163, 139


 110, 137, 113

 86, 112, 90

 63, 87, 66

 40, 64, 43

 20, 42, 23

 0, 22, 5

 0, 0, 0

 189, 218, 192

 189, 218, 192

 167, 218, 172

 211, 218, 212

 145, 218, 153

 220, 218, 233

 124, 218, 134

 222, 218, 254

 102, 218, 114

 224, 218, 255

 80, 218, 94

 226, 218, 255

 58, 218, 75

 229, 218, 255

 36, 218, 55

 231, 218, 255

 15, 218, 36

 233, 218, 255

 0, 218, 23

 235, 218, 255

Harmonies

Analogous

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



217, 231, 187



189, 218, 192



198, 222, 221

Triad

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



189, 218, 192



183, 206, 238



243, 206, 219

Complementary

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



189, 218, 192



192, 189, 218

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.



231, 209, 233



189, 218, 192



196, 211, 244

Square

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



189, 218, 192



179, 202, 226



214, 213, 242



246, 206, 205

Rectangle

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



189, 218, 192



189, 211, 223



214, 213, 242



240, 207, 224

Sweetspot

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



189, 218, 192



245, 255, 246



218, 192, 189



121, 128, 122



0, 0, 0



128, 128, 128

Same Dimension

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



189, 218, 192



214, 255, 218



189, 218, 206



99, 110, 100



0, 173, 18



0, 46, 5

Inverse Universe

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



192, 189, 218



218, 214, 255



206, 189, 218



100, 99, 110



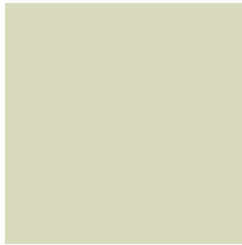
18, 0, 173



5, 0, 46

Previews

White Background



This preview shows how the RYB color 189, 218, 192 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 189, 218, 192 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

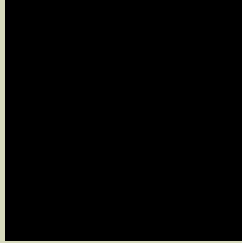
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

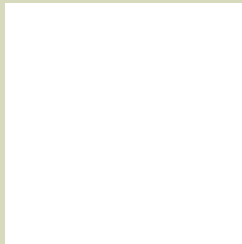
Any Text WCAG AAA ✓ Pass

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

R/Y/B 189, 218, 192 Background



This preview shows how black text looks on a background with the RYB color 189, 218, 192.



This preview shows how white text looks on a background with the RYB color 189, 218, 192.

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](#).

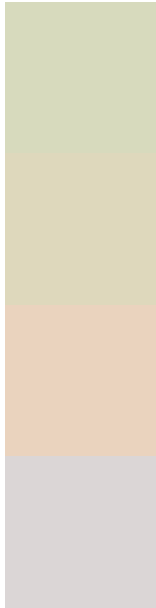
Dichromacy





Tritanopia
221, 212, 229

Trichromacy



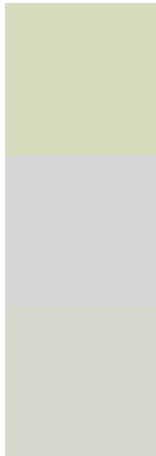
Original Color
189, 218, 192

Protanomaly
195, 222, 188

Deuteranomaly
234, 230, 190

Tritanomaly
219, 214, 214

Monochromacy



Original Color
189, 218, 192

Achromatopsia
214, 214, 214

Achromatomaly
205, 215, 206

CSS Examples

Text

The CSS property to change the color of the text to RYB 189, 218, 192 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(215, 218, 189) looks like.

```
.text, #text, p{  
    color:rgb(215, 218, 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(215, 218, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 218, 189) }
```

Border

The CSS property to change the border of an element to RYB 189, 218, 192 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(215, 218, 189) }
```

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

```
.border{ border-color:rgb(215, 218, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 218, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 218, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 218, 189);  
box-shadow:4px 4px 4px 4px rgb(215, 218,  
189) }
```

Background

The CSS property to change the background color of an element to RYB 189, 218, 192 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 218, 189) }
```

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

```
.background{ background-color: rgb(215,  
218, 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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