

Converting Colors

`RYB(189, 214, 189)`

Have a look what the booklet for
RYB(189, 214, 189) contains.

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Color

R_YB(189, 214, 189)

Conversions

Conversions Part 1

Format	Color
Hex	D6D6BD
RGB	214, 214, 189
RGB Percent	84%, 84%, 74%
CMY	0.1608, 0.1608, 0.2588
CMYK	0.00, 0.00, 0.12, 0.16
HSL	60°, 23%, 79%
HSV	60°, 12%, 84%
XYZ	60.9634, 66.0634, 57.6825
YIQ	211.1500, 8.0250, -7.7750

Conversions

Conversions Part 2

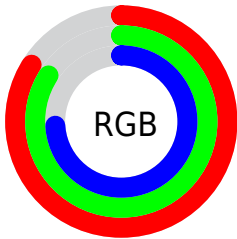
Format	Color
R_{YB}	189, 214, 189
Decimal	14079677
CIE _{Lab}	85.03, -4.27, 12.36
CIE _{LCh}	85, 13.074, 109.050
Y _{xy}	66.0634, 0.3301, 0.3577
Android (android.graphics.Color)	4292269757 (0xFFD6D6BD)
Y _{UV}	211.1500, -10.9199, 2.4995
Hunter-Lab	81.2794, -8.3554, 14.8185

Details

The RYB color **189, 214, 189** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **189, 189, 214**, and the grayscale version is **211, 211, 211**.

A 20% lighter version of the original color is **245, 255, 245**, and **136, 159, 136** is the 20% darker color. If you saturate the color by 10%, you get **168, 214, 168**, and if you desaturate by 10%, it is **210, 214, 210**.

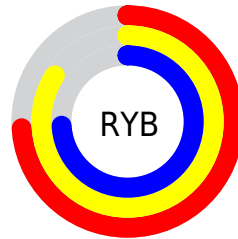
Distribution



Red (84%)

Green (84%)

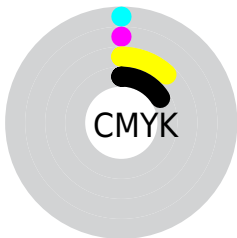
Blue (74%)



Red (74%)

Yellow (84%)

Blue (74%)

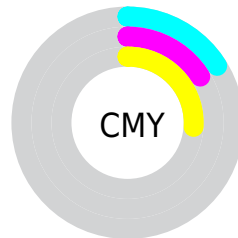


Cyan (0%)

Magenta (0%)

Yellow (12%)

Black (16%)



Cyan (16%)

Magenta (16%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the RYB color 189, 214, 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 189, 214, 189 by changing the saturation by 10% instead.

 189, 214, 189

255, 255, 255

 245, 255, 245

 189, 214, 189


 162, 186, 162

 136, 159, 136


 110, 133, 110

 86, 108, 86

 63, 84, 64

 41, 61, 42

 20, 39, 21

 0, 19, 3

 0, 0, 0

 189, 214, 189

 189, 214, 189

 168, 214, 168

 210, 214, 210

 146, 214, 146

 214, 214, 232

 125, 214, 125

 214, 214, 253

 103, 214, 103

 214, 214, 255

 82, 214, 82

 61, 214, 61

 39, 214, 39

 18, 214, 18

 0, 214, 0

Harmonies

Analogous

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



218, 227, 188



189, 214, 189



196, 217, 213

Triad

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



189, 214, 189



184, 204, 231



235, 204, 217

Complementary

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



189, 214, 189



189, 189, 214

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.



224, 207, 229



189, 214, 189



194, 208, 236

Square

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



189, 214, 189



182, 201, 220



209, 211, 236



239, 204, 205

Rectangle

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



189, 214, 189



191, 211, 219



209, 211, 236



232, 205, 221

Sweetspot

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



189, 214, 189



245, 255, 245



214, 189, 189



121, 128, 121



0, 0, 0



128, 128, 128

Same Dimension

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



189, 214, 189



219, 255, 219



189, 214, 201



96, 107, 96



0, 171, 0



0, 43, 0

Inverse Universe

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



189, 189, 214



219, 219, 255



202, 189, 214



96, 96, 107



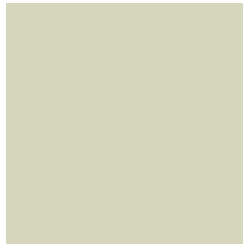
0, 0, 171



0, 0, 43

Previews

White Background



This preview shows how the RYB color 189, 214, 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 189, 214, 189 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

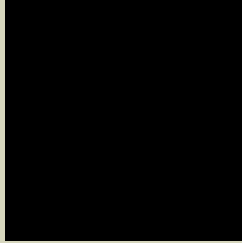
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

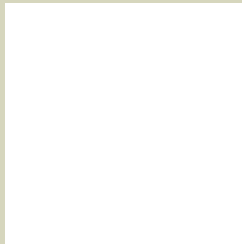
Any Text WCAG AAA ✓ Pass

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

RYB 189, 214, 189 Background



This preview shows how black text looks on a background with the RYB color 189, 214, 189.

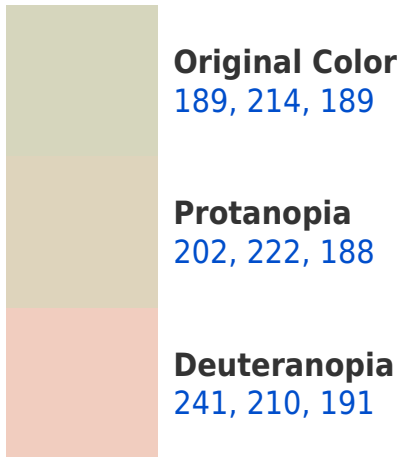


This preview shows how white text looks on a background with the RYB color 189, 214, 189.

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](#).

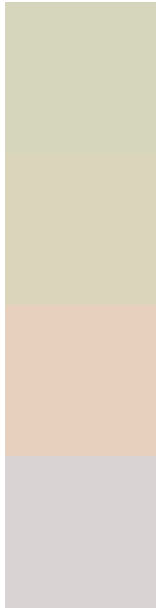
Dichromacy





Tritanopia
219, 209, 225

Trichromacy



Original Color

189, 214, 189

Protanomaly

195, 219, 188

Deuteranomaly

231, 222, 190

Tritanomaly

217, 211, 212

Monochromacy



Original Color

189, 214, 189

Achromatopsia

211, 211, 211

Achromatomaly

203, 212, 203

CSS Examples

Text

The CSS property to change the color of the text to RYB 189, 214, 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(214, 214, 189) looks like.

```
.text, #text, p{  
    color:rgb(214, 214, 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(214, 214, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 214, 189) }
```

Border

The CSS property to change the border of an element to RYB 189, 214, 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(214, 214, 189) }
```

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

```
.border{ border-color:rgb(214, 214, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 214, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 214, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 214, 189);  
box-shadow:4px 4px 4px 4px rgb(214, 214,  
189) }
```

Background

The CSS property to change the background color of an element to RYB 189, 214, 189 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 214, 189) }
```

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

```
.background{ background-color: rgb(214,  
214, 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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