

Converting Colors

`RYB(189, 189, 206)`

Have a look what the booklet for
RYB(189, 189, 206) contains.

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Color

R_YB(189, 189, 206)

Conversions

Conversions Part 1

Format	Color
Hex	BDBDCE
RGB	189, 189, 206
RGB Percent	74%, 74%, 81%
CMY	0.2588, 0.2588, 0.1922
CMYK	0.08, 0.08, 0.00, 0.19
HSL	240°, 15%, 77%
HSV	240°, 8%, 81%
XYZ	50.3244, 51.6702, 65.7135
YIQ	190.9380, -5.4570, 5.2870

Conversions

Conversions Part 2

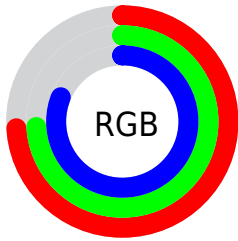
Format	Color
RYB	189, 189, 206
Decimal	12434894
CIELab	77.08, 3.28, -8.53
CIELCh	77, 9.136, 291.024
Yxy	51.6702, 0.3001, 0.3081
Android (android.graphics.Color)	4290624974 (0xFFBDBDCE)
YUV	190.9380, 7.4256, -1.6996
Hunter-Lab	71.8820, -0.8261, -3.8846

Details

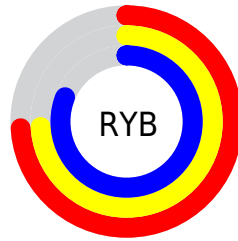
The RYB color **189, 189, 206** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **189, 206, 189**, and the grayscale version is **191, 191, 191**.

A 20% lighter version of the original color is **245, 245, 255**, and **136, 136, 152** is the 20% darker color. If you saturate the color by 10%, you get **168, 168, 206**, and if you desaturate by 10%, it is **206, 210, 206**.

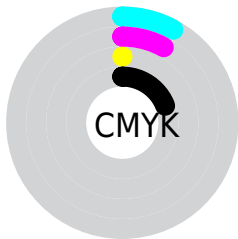
Distribution



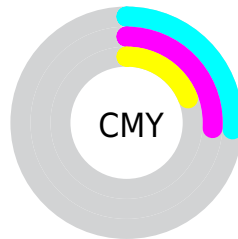
- Red (74%)
- Green (74%)
- Blue (81%)



- Red (74%)
- Yellow (74%)
- Blue (81%)



- Cyan (8%)
- Magenta (8%)
- Yellow (0%)
- Black (19%)



- Cyan (26%)
- Magenta (26%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the RYB color 189, 189, 206 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, 189, 206 by changing the saturation by 10% instead.


 189, 189, 206


255, 255, 255

 245, 245, 255

 189, 189, 206


 162, 162, 179

 136, 136, 152

 110, 110, 126

 86, 86, 101


 63, 63, 77

 41, 41, 54


 20, 21, 33

 0, 0, 9


 0, 0, 0

 189, 189, 206


 189, 189, 206

 168, 168, 206


 206, 210, 206

 148, 148, 206

 206, 230, 206

 127, 127, 206

 206, 251, 206

 107, 107, 206

 206, 255, 206

 86, 86, 206

 65, 65, 206

 45, 45, 206

 24, 24, 206

 4, 4, 206

Harmonies

Analogous

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



179, 188, 207



189, 189, 206



199, 186, 201

Triad

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



189, 189, 206



207, 190, 177



173, 186, 195

Complementary

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



189, 189, 206



189, 206, 189

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.



179, 194, 192



189, 189, 206



193, 200, 174

Square

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



189, 189, 206



209, 185, 185



175, 192, 176



170, 183, 196

Rectangle

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



189, 189, 206



204, 185, 196



175, 192, 176



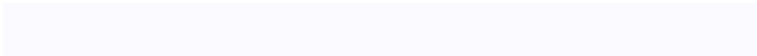
175, 188, 195

Sweetspot

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



189, 189, 206



250, 250, 255



189, 198, 206



125, 125, 128



0, 0, 0



128, 128, 128

Same Dimension

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



189, 189, 206



230, 230, 255



198, 189, 206



92, 92, 102



0, 0, 166



0, 0, 38

Inverse Universe

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



206, 189, 206



255, 230, 255



189, 206, 197



102, 92, 102



166, 0, 166



38, 0, 38

Previews

White Background



This preview shows how the RYB color 189, 189, 206 looks on a white background.

Color Contrast Check

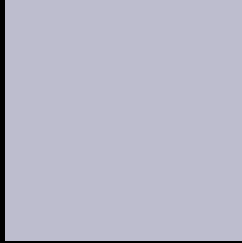
Large Text (above 18pt) WCAG AA × Fail

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, 189, 206 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](#).

RYP 189, 189, 206 Background



This preview shows how black text looks on a background with the RYP color 189, 189, 206.

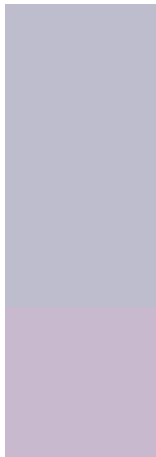


This preview shows how white text looks on a background with the RYP color 189, 189, 206.

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](#).

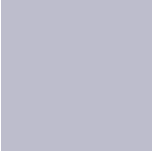
Dichromacy



Original Color
189, 189, 206

Protanopia
189, 189, 206

Deuteranopia
201, 185, 207



Tritanopia
189, 189, 204

Trichromacy



Original Color

189, 189, 206

Protanomaly

189, 189, 206

Deuteranomaly

197, 186, 207

Tritanomaly

189, 189, 205

Monochromacy



Original Color

189, 189, 206

Achromatopsia

191, 191, 191

Achromatomaly

190, 190, 196

CSS Examples

Text

The CSS property to change the color of the text to RYB 189, 189, 206 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(189, 189, 206) looks like.

```
.text, #text, p{  
    color:rgb(189, 189, 206)  
}
```

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(189, 189, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 189, 206) }
```

Border

The CSS property to change the border of an element to RYB 189, 189, 206 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(189, 189, 206) }
```

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

```
.border{ border-color:rgb(189, 189, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 189, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 189, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 189, 206);  
box-shadow:4px 4px 4px 4px rgb(189, 189,  
206) }
```

Background

The CSS property to change the background color of an element to RYB 189, 189, 206 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 189, 206) }
```

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

```
.background{ background-color: rgb(189,  
189, 206) }
```

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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