

Converting Colors

`RYB(187, 171, 186)`

Have a look what the booklet for RYB(187, 171, 186) contains.

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Color

R_YB(187, 171, 186)

Conversions

Conversions Part 1

Format	Color
Hex	BBABBA
RGB	187, 171, 186
RGB Percent	73%, 67%, 73%
CMY	0.2667, 0.3294, 0.2706
CMYK	0.00, 0.09, 0.01, 0.27
HSL	304°, 11%, 70%
HSV	304°, 9%, 73%
XYZ	43.9194, 43.2358, 52.4849
YIQ	177.4940, 4.7210, 8.0570

Conversions

Conversions Part 2

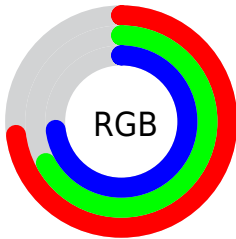
Format	Color
RYB	187, 171, 186
Decimal	12299194
CIELab	71.71, 8.47, -5.58
CIELCh	72, 10.147, 326.617
Yxy	43.2358, 0.3145, 0.3096
Android (android.graphics.Color)	4290489274 (0xFFBBABBA)
YUV	177.4940, 4.1935, 8.3368
Hunter-Lab	65.7539, 4.1570, -1.2977

Details

The RYB color **187, 171, 186** is a light color, and the websafe version is hex **999999**. A complement of this color would be **171, 186, 187**, and the grayscale version is **177, 177, 177**.

A 20% lighter version of the original color is **243, 226, 242**, and **134, 119, 133** is the 20% darker color. If you saturate the color by 10%, you get **187, 152, 185**, and if you desaturate by 10%, it is **187, 190, 190**.

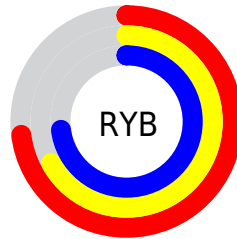
Distribution



Red (73%)

Green (67%)

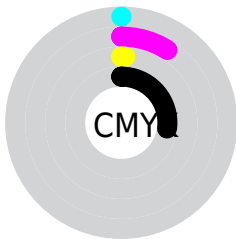
Blue (73%)



Red (73%)

Yellow (67%)

Blue (73%)

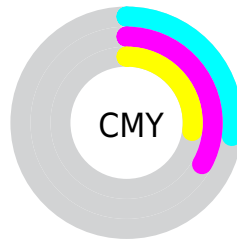


Cyan (0%)

Magenta (9%)

Yellow (1%)

Black (27%)



Cyan (27%)

Magenta (33%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the RYB color 187, 171, 186 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 187, 171, 186 by changing the saturation by 10% instead.


 187, 171, 186


255, 255, 255

 243, 226, 242


 187, 171, 186

 160, 144, 159


 134, 119, 133

 108, 94, 108


 84, 70, 83


 61, 48, 60

 39, 27, 39

 19, 0, 18


 0, 0, 0

 187, 171, 186

 187, 171, 186

 187, 152, 185

 187, 190, 190

 187, 134, 184

 187, 207, 208

 187, 115, 182

 187, 224, 227

 187, 96, 181

 187, 242, 246

 187, 78, 180

 187, 250, 255

 187, 59, 179

 187, 249, 255

 187, 40, 178

 187, 249, 255

 187, 21, 177

 187, 248, 255

 187, 3, 175

 187, 246, 255

Harmonies

Analogous

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



176, 174, 192



187, 171, 186



194, 170, 177

Triad

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



187, 171, 186



173, 185, 157



153, 168, 184

Complementary

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



187, 171, 186



171, 186, 187

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.



156, 171, 181



187, 171, 186



159, 178, 163

Square

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



187, 171, 186



192, 178, 161



164, 179, 180



156, 170, 191

Rectangle

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



187, 171, 186



196, 170, 171



164, 179, 180



153, 167, 181

Sweetspot

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



187, 171, 186



242, 235, 242



172, 171, 187



122, 118, 122



250, 250, 250



122, 122, 122

Same Dimension

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



187, 171, 186



242, 218, 241



187, 171, 178



94, 85, 94



158, 0, 148



31, 0, 29

Inverse Universe

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



187, 171, 186



242, 218, 241



171, 181, 187



94, 85, 94



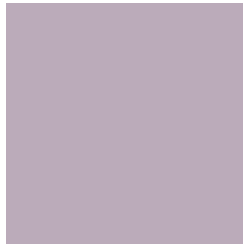
158, 0, 148



31, 0, 29

Previews

White Background



This preview shows how the RYB color 187, 171, 186 looks on a white background.

Color Contrast Check

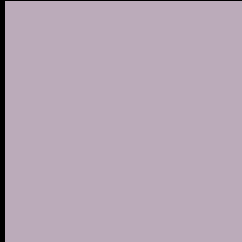
Large Text (above 18pt) WCAG AA × Fail

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 187, 171, 186 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

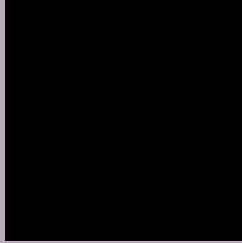
Any Text WCAG AA ✓ Pass

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 187, 171, 186 Background



This preview shows how black text looks on a background with the RYB color 187, 171, 186.



This preview shows how white text looks on a background with the RYB color 187, 171, 186.

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
187, 171, 186

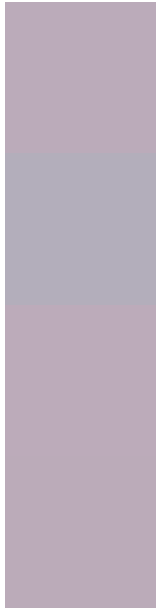
Protanopia
175, 175, 188

Deuteranopia
188, 171, 186



Tritanopia
187, 171, 185

Trichromacy



Original Color

187, 171, 186

Protanomaly

179, 174, 187

Deuteranomaly

188, 171, 186

Tritanomaly

187, 171, 185

Monochromacy



Original Color

187, 171, 186

Achromatopsia

177, 177, 177

Achromatomaly

181, 175, 180

CSS Examples

Text

The CSS property to change the color of the text to RGB 187, 171, 186 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(187, 171, 186) looks like.

```
.text, #text, p{  
    color:rgb(187, 171, 186)  
}
```

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(187, 171, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 171, 186) }
```

Border

The CSS property to change the border of an element to RYB 187, 171, 186 is called "border". The border property can be set on classes, ids or directly on the HTML element.

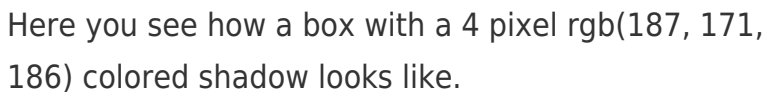
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(187, 171, 186) }
```

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

```
.border{ border-color:rgb(187, 171, 186) }
```

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



Here you see how a box with a 4 pixel `rgb(187, 171, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(187, 171, 186); -webkit-box-shadow:4px 4px 4px 4px rgb(187, 171, 186); box-shadow:4px 4px 4px 4px rgb(187, 171, 186) }
```

Background

The CSS property to change the background color of an element to RYB 187, 171, 186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 171, 186) }
```

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

```
.background{ background-color: rgb(187,  
171, 186) }
```

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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