

Converting Colors

`RYB(187, 167, 175)`

Have a look what the booklet for
RYB(187, 167, 175) contains.

RYB(187, 167, 175)	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(187, 167, 175)

Conversions

Conversions Part 1

Format	Color
Hex	BBA7AF
RGB	187, 167, 175
RGB Percent	73%, 65%, 69%
CMY	0.2667, 0.3451, 0.3137
CMYK	0.00, 0.11, 0.06, 0.27
HSL	336°, 13%, 69%
HSV	336°, 11%, 73%
XYZ	42.0501, 41.2974, 46.3124
YIQ	173.8920, 9.3520, 6.7280

Conversions

Conversions Part 2

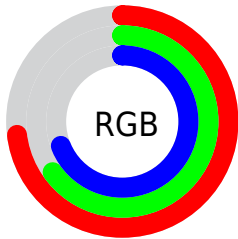
Format	Color
RYB	187, 167, 175
Decimal	12298159
CIELab	70.38, 8.65, -1.47
CIELCh	70, 8.770, 350.337
Yxy	41.2974, 0.3243, 0.3185
Android (android.graphics.Color)	4290488239 (0xFFBBA7AF)
YUV	173.8920, 0.5462, 11.4957
Hunter-Lab	64.2630, 4.3400, 2.2557

Details

The RYB color **187, 167, 175** is a light color, and the websafe version is hex **999999**. A complement of this color would be **167, 180, 187**, and the grayscale version is **174, 174, 174**.

A 20% lighter version of the original color is **243, 222, 230**, and **134, 115, 123** is the 20% darker color. If you saturate the color by 10%, you get **187, 148, 164**, and if you desaturate by 10%, it is **187, 186, 186**.

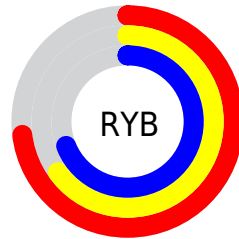
Distribution



Red (73%)

Green (65%)

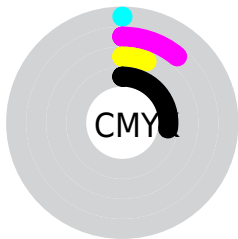
Blue (69%)



Red (73%)

Yellow (65%)

Blue (69%)

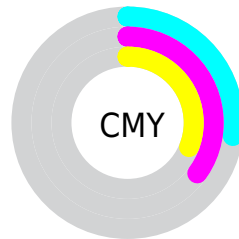


Cyan (0%)

Magenta (11%)

Yellow (6%)

Black (27%)



Cyan (27%)

Magenta (35%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the RYB color 187, 167, 175 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, 167, 175 by changing the saturation by 10% instead.


 187, 167, 175

255, 255, 255

 243, 222, 230

 255, 251, 255


 187, 167, 175

 160, 141, 148

 134, 115, 123

 108, 90, 98


 84, 67, 74


 61, 45, 51


 39, 24, 30


 19, 0, 5


 0, 0, 0

 187, 167, 175

 187, 167, 175

 187, 148, 164

 187, 186, 186

 187, 130, 153

 187, 198, 204

 187, 111, 141

 187, 209, 223

 187, 92, 130

 187, 221, 242

 187, 74, 119

 187, 228, 255

 187, 55, 108

 187, 225, 255

 187, 36, 96

 187, 221, 255

 187, 17, 85

 187, 221, 255

 187, 0, 75

Harmonies

Analogous

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



180, 168, 182



187, 167, 175



190, 167, 167

Triad

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



187, 167, 175



157, 173, 157



154, 167, 184

Complementary

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



187, 167, 175



167, 180, 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.



153, 165, 177



187, 167, 175



162, 175, 173

Square

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



187, 167, 175



177, 182, 157



156, 169, 177



161, 170, 188

Rectangle

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



187, 167, 175



189, 170, 162



156, 169, 177



153, 166, 182

Sweetspot

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



187, 167, 175



242, 235, 238



179, 167, 187



122, 118, 119



250, 250, 250



122, 122, 122

Same Dimension

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



187, 167, 175



242, 211, 223



187, 169, 167



94, 85, 89



158, 0, 63



31, 0, 12

Inverse Universe

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



187, 167, 175



242, 211, 223



167, 176, 187



94, 85, 89



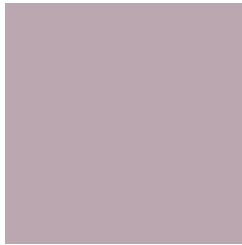
158, 0, 63



31, 0, 12

Previews

White Background



This preview shows how the RYB color 187, 167, 175 looks on a white background.

Color Contrast Check

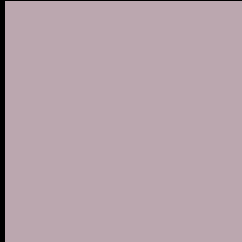
Large Text (above 18pt) WCAG AA × Fail

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, 167, 175 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

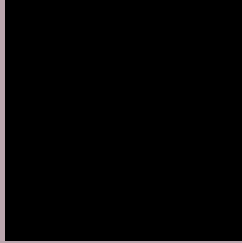
Any Text WCAG AA ✓ Pass

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 187, 167, 175 Background



This preview shows how black text looks on a background with the RYB color 187, 167, 175.



This preview shows how white text looks on a background with the RYB color 187, 167, 175.

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, 167, 175

Protanopia
174, 171, 177

Deuteranopia
187, 167, 175



Tritanopia
188, 166, 179

Trichromacy



Original Color

187, 167, 175

Protanomaly

179, 170, 176

Deuteranomaly

187, 167, 175

Tritanomaly

188, 166, 178

Monochromacy



Original Color

187, 167, 175

Achromatopsia

174, 174, 174

Achromatomaly

179, 171, 174

CSS Examples

Text

The CSS property to change the color of the text to RYB 187, 167, 175 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, 167, 175) looks like.

```
.text, #text, p{  
    color:rgb(187, 167, 175)  
}
```

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, 167, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 167, 175) }
```

Border

The CSS property to change the border of an element to RYB 187, 167, 175 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, 167, 175) }
```

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

```
.border{ border-color:rgb(187, 167, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 167, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 167, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 167, 175);  
box-shadow:4px 4px 4px 4px rgb(187, 167,  
175) }
```

Background

The CSS property to change the background color of an element to RYB 187, 167, 175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 167, 175) }
```

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

```
.background{ background-color: rgb(187,  
167, 175) }
```

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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