

Converting Colors

`RYB(182, 183, 187)`

Have a look what the booklet for
RYB(182, 183, 187) contains.

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Color

R_YB(182, 183, 187)

Conversions

Conversions Part 1

Format	Color
Hex	B6B7BB
RGB	182, 183, 187
RGB Percent	71%, 72%, 73%
CMY	0.2863, 0.2814, 0.2667
CMYK	0.03, 0.02, 0.00, 0.27
HSL	225°, 4%, 72%
HSV	225°, 3%, 73%
XYZ	45.2461, 47.5031, 53.7980
YIQ	183.1570, -1.8800, 1.0320

Conversions

Conversions Part 2

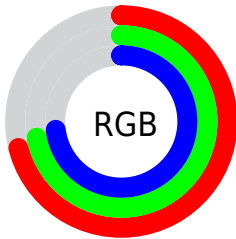
Format	Color
R_{YB}	182, 183, 187
Decimal	11974587
CIE Lab	74.51, 0.28, -2.06
CIE LCh	75, 2.078, 277.628
Yxy	47.5031, 0.3087, 0.3241
Android (android.graphics.Color)	4290164667 (0xFFB6B7BB)
YUV	183.1570, 1.8946, -1.0147
Hunter-Lab	68.9225, -3.4330, 1.9665

Details

The RYB color **182, 183, 187** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **183, 187, 182**, and the grayscale version is **183, 183, 183**.

A 20% lighter version of the original color is **238, 239, 243**, and **129, 130, 134** is the 20% darker color. If you saturate the color by 10%, you get **163, 168, 187**, and if you desaturate by 10%, it is **193, 201, 187**.

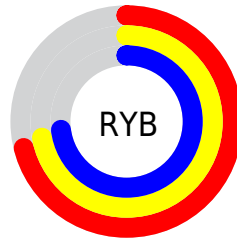
Distribution



Red (71%)

Green (72%)

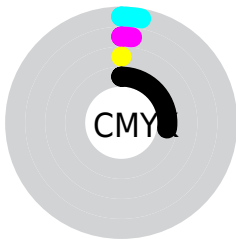
Blue (73%)



Red (71%)

Yellow (72%)

Blue (73%)

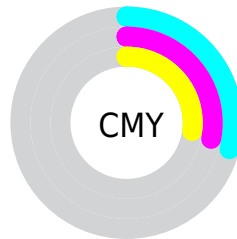


Cyan (3%)

Magenta (2%)

Yellow (0%)

Black (27%)



Cyan (29%)

Magenta (28%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the RYB color 182, 183, 187 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 182, 183, 187 by changing the saturation by 10% instead.

■ 182, 183, 187

255, 255, 255

■ 238, 239, 243

■ 182, 183, 187

■ 155, 156, 160

■ 129, 130, 134

■ 104, 105, 109

■ 80, 81, 84

■ 57, 58, 61

■ 36, 37, 40

■ 14, 15, 19

■ 0, 0, 0

■ 182, 183, 187

■ 182, 183, 187

■ 163, 168, 187

■ 193, 201, 187

■ 145, 153, 187

■ 198, 219, 187

■ 126, 138, 187

■ 204, 238, 187

■ 107, 123, 187

■ 208, 255, 187

■ 89, 108, 187

■ 189, 255, 187

■ 70, 93, 187

■ 187, 255, 187

■ 51, 78, 187

■ 32, 63, 187

■ 14, 48, 187

Harmonies

Analogous

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



180, 183, 187



182, 183, 187



184, 183, 186

Triad

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



182, 183, 187



187, 182, 181



180, 183, 184

Complementary

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



182, 183, 187



183, 187, 182

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.



180, 184, 182



182, 183, 187



186, 186, 180

Square

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



182, 183, 187



187, 182, 183



180, 184, 179



179, 182, 184

Rectangle

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



182, 183, 187



186, 182, 185



180, 184, 179



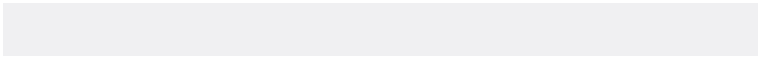
181, 184, 184

Sweetspot

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



182, 183, 187



240, 240, 242



182, 185, 187



121, 121, 122



250, 250, 250



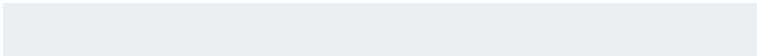
122, 122, 122

Same Dimension

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



182, 183, 187



235, 237, 242



183, 182, 187



91, 92, 94



0, 32, 158



0, 6, 31

Inverse Universe

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



187, 182, 183



242, 235, 237



182, 187, 183



94, 91, 92



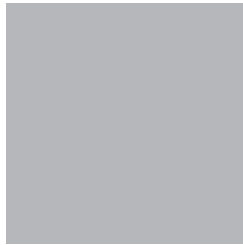
158, 0, 40



31, 0, 8

Previews

White Background



This preview shows how the RYB color 182, 183, 187 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 182, 183, 187 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

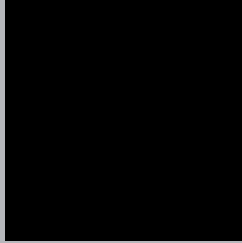
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

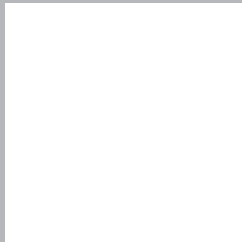
Any Text WCAG AAA ✓ Pass

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

RYB 182, 183, 187 Background



This preview shows how black text looks on a background with the RYB color 182, 183, 187.

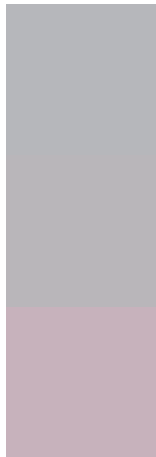


This preview shows how white text looks on a background with the RYB color 182, 183, 187.

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
182, 183, 187

Protanopia
185, 182, 186

Deuteranopia
199, 178, 188



Tritanopia
183, 182, 196

Trichromacy



Original Color

182, 183, 187

Protanomaly

184, 182, 186

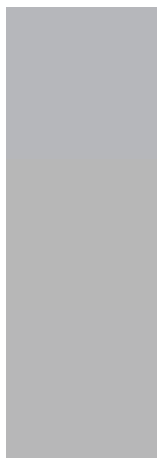
Deuteranomaly

193, 180, 188

Tritanomaly

183, 182, 193

Monochromacy



Original Color

182, 183, 187

Achromatopsia

183, 183, 183

Achromatomaly

183, 183, 184

CSS Examples

Text

The CSS property to change the color of the text to RYB 182, 183, 187 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(182, 183, 187) looks like.

```
.text, #text, p{  
    color:rgb(182, 183, 187)  
}
```

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(182, 183, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 183, 187) }
```

Border

The CSS property to change the border of an element to RYB 182, 183, 187 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(182, 183, 187) }
```

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

```
.border{ border-color:rgb(182, 183, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 183, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 183, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 183, 187);  
box-shadow:4px 4px 4px 4px rgb(182, 183,  
187) }
```

Background

The CSS property to change the background color of an element to RYB 182, 183, 187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 183, 187) }
```

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

```
.background{ background-color: rgb(182,  
183, 187) }
```

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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