

Converting Colors

`RYB(187, 187, 187)`

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

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Color

$\text{RYB}(187, 187, 187)$

Conversions

Conversions Part 1

Format	Color
Hex	BBBBBB
RGB	187, 187, 187
RGB Percent	73%, 73%, 73%
CMY	0.2667, 0.2667, 0.2667
CMYK	0.00, 0.00, 0.00, 0.27
HSL	0°, 0%, 73%
HSV	0°, 0%, 73%
XYZ	47.2335, 49.6933, 54.1160
YIQ	187.0000, -0.0000, -0.0000

Conversions

Conversions Part 2

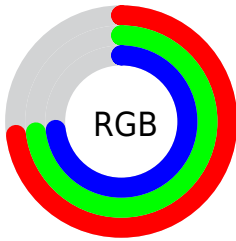
Format	Color
RYB	187, 187, 187
Decimal	12303291
CIELab	75.88, 0.00, -0.01
CIELCh	76, 0.009, 296.813
Yxy	49.6933, 0.3127, 0.3290
Android (android.graphics.Color)	4290493371 (0xFFBBBBBB)
YUV	187.0000, 0.0000, 0.0000
Hunter-Lab	70.4935, -3.7614, 3.8300

Details

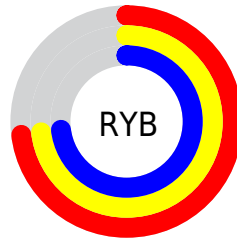
The RYB color **187, 187, 187** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **187, 187, 187**, and the grayscale version is **187, 187, 187**.

A 20% lighter version of the original color is **243, 243, 243**, and **134, 134, 134** is the 20% darker color. If you saturate the color by 10%, you get **187, 168, 168**, and if you desaturate by 10%, it is **187, 197, 206**.

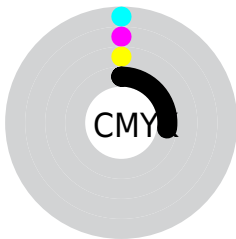
Distribution



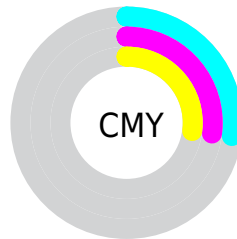
- Red (73%)
- Green (73%)
- Blue (73%)



- Red (73%)
- Yellow (73%)
- Blue (73%)



- Cyan (0%)
- Magenta (0%)
- Yellow (0%)
- Black (27%)



- Cyan (27%)
- Magenta (27%)
- Yellow (27%)

Brightness & Saturation Gradients

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


 187, 187, 187

255, 255, 255

 243, 243, 243


 187, 187, 187

 160, 160, 160

 134, 134, 134

 109, 109, 109

 84, 84, 84


 61, 61, 61


 40, 40, 40

 19, 19, 19

 0, 0, 0

 187, 187, 187


 187, 187, 187

 187, 168, 168


 187, 197, 206

 187, 150, 150

 187, 206, 224

 187, 131, 131

 187, 215, 243

 187, 112, 112

 187, 221, 255

 187, 94, 94

 187, 75, 75

 187, 56, 56

 187, 37, 37

 187, 19, 19

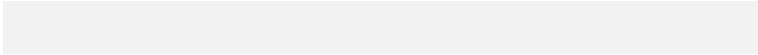
Harmonies

Sweetspot

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



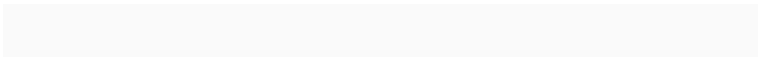
187, 187, 187



242, 242, 242



122, 122, 122



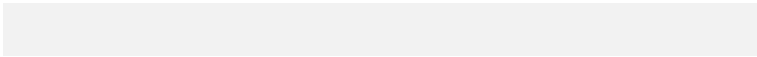
250, 250, 250

Same Dimension

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



187, 187, 187



242, 242, 242



94, 94, 94



158, 0, 0



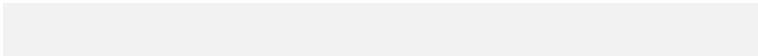
31, 0, 0

Inverse Universe

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



187, 187, 187



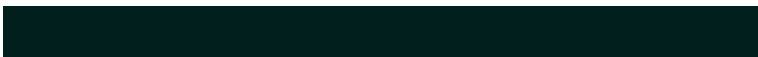
242, 242, 242



94, 94, 94



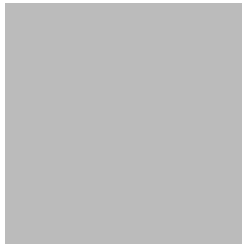
0, 79, 158



0, 16, 31

Previews

White Background



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

Color Contrast Check

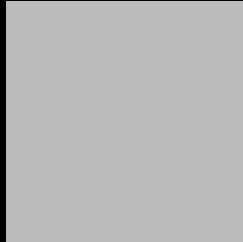
Large Text (above 18pt) WCAG AA × Fail

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 187, 187, 187 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

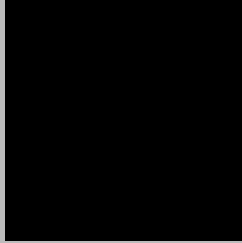
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

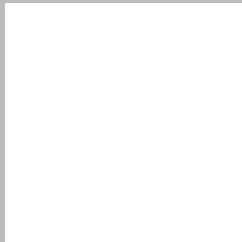
Any Text WCAG AAA ✓ Pass

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

RYB 187, 187, 187 Background



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

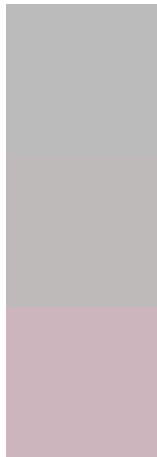


This preview shows how white text looks on a background with the RYB color 187, 187, 187.

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
187, 187, 187

Protanopia
190, 186, 186

Deuteranopia
204, 181, 188



Tritanopia
189, 185, 200

Trichromacy



Original Color

187, 187, 187

Protanomaly

189, 186, 186

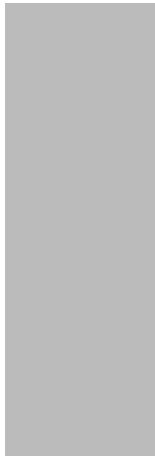
Deuteranomaly

198, 183, 188

Tritanomaly

188, 186, 195

Monochromacy



Original Color

187, 187, 187

Achromatopsia

187, 187, 187

Achromatomaly

187, 187, 187

CSS Examples

Text

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

```
.text, #text, p{  
    color:rgb(187, 187, 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(187, 187, 187) colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

```
.background{ background-color: rgb(187,  
187, 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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