

Converting Colors

`RYB(197, 197, 199)`

Have a look what the booklet for
RYB(197, 197, 199) contains.

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Color

R_YB(197, 197, 199)

Conversions

Conversions Part 1

Format	Color
Hex	C5C5C7
RGB	197, 197, 199
RGB Percent	77%, 77%, 78%
CMY	0.2275, 0.2275, 0.2196
CMYK	0.01, 0.01, 0.00, 0.22
HSL	240°, 2%, 78%
HSV	240°, 1%, 78%
XYZ	53.3010, 55.9263, 62.0184
YIQ	197.2280, -0.6420, 0.6220

Conversions

Conversions Part 2

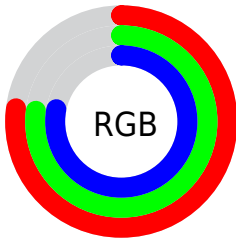
Format	Color
RYB	197, 197, 199
Decimal	12961223
CIELab	79.57, 0.37, -1.01
CIElCh	80, 1.075, 290.333
Yxy	55.9263, 0.3113, 0.3266
Android (android.graphics.Color)	4291151303 (0xFFC5C5C7)
YUV	197.2280, 0.8736, -0.2000
Hunter-Lab	74.7839, -3.6489, 3.1794

Details

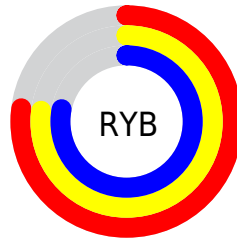
The RYB color **197, 197, 199** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **197, 199, 197**, and the grayscale version is **197, 197, 197**.

A 20% lighter version of the original color is 254, 254, 255, and **143, 143, 145** is the 20% darker color. If you saturate the color by 10%, you get **177, 177, 199**, and if you desaturate by 10%, it is **199, 217, 199**.

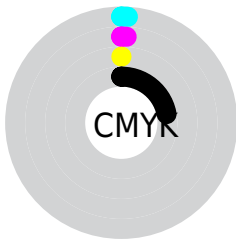
Distribution



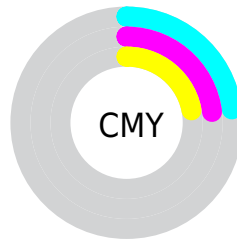
- Red (77%)
- Green (77%)
- Blue (78%)



- Red (77%)
- Yellow (77%)
- Blue (78%)



- Cyan (1%)
- Magenta (1%)
- Yellow (0%)
- Black (22%)



- Cyan (23%)
- Magenta (23%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the RYB color 197, 197, 199 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 197, 197, 199 by changing the saturation by 10% instead.

■ 197, 197, 199

255, 255, 255

254, 254, 255

■ 197, 197, 199

■ 170, 170, 172

■ 143, 143, 145

■ 118, 118, 120

■ 93, 93, 95

■ 70, 70, 71

■ 47, 47, 49

■ 26, 27, 28

■ 0, 0, 1

■ 0, 0, 0

■ 197, 197, 199

■ 197, 197, 199

■ 177, 177, 199

■ 199, 217, 199

■ 157, 157, 199

■ 199, 237, 199

■ 137, 137, 199

■ 199, 255, 199

■ 117, 117, 199

■ 98, 98, 199

■ 78, 78, 199

■ 58, 58, 199

■ 38, 38, 199

■ 18, 18, 199

Harmonies

Analogous

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



196, 197, 199



197, 197, 199



198, 197, 198

Triad

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



197, 197, 199



199, 198, 196



195, 197, 198

Complementary

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



197, 197, 199



197, 199, 197

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.



196, 198, 198



197, 197, 199



197, 198, 195

Square

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



197, 197, 199



199, 198, 196



195, 197, 195



195, 197, 198

Rectangle

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



197, 197, 199



199, 197, 198



195, 197, 195



195, 197, 198

Sweetspot

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



197, 197, 199

255, 255, 255



197, 198, 199



128, 128, 128



0, 0, 0

Same Dimension

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



197, 197, 199



252, 252, 255



198, 197, 199



98, 98, 99



0, 0, 163



0, 0, 36

Inverse Universe

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



199, 197, 199



255, 252, 255



197, 199, 198



99, 98, 99



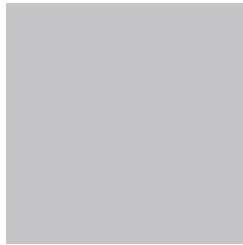
163, 0, 163



36, 0, 36

Previews

White Background



This preview shows how the RYB color 197, 197, 199 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 197, 197, 199 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

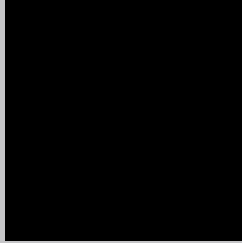
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

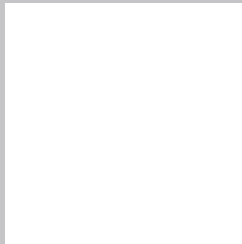
Any Text WCAG AAA ✓ Pass

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

RYB 197, 197, 199 Background



This preview shows how black text looks on a background with the RYB color 197, 197, 199.

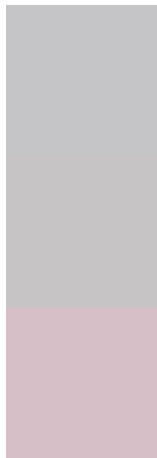


This preview shows how white text looks on a background with the RYB color 197, 197, 199.

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
197, 197, 199

Protanopia
200, 196, 198

Deuteranopia
215, 191, 200



Tritanopia
199, 195, 211

Trichromacy



Original Color

197, 197, 199

Protanomaly

199, 196, 198

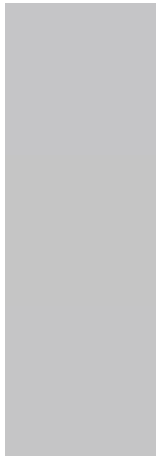
Deuteranomaly

208, 193, 200

Tritanomaly

198, 196, 207

Monochromacy



Original Color

197, 197, 199

Achromatopsia

197, 197, 197

Achromatomaly

197, 197, 198

CSS Examples

Text

The CSS property to change the color of the text to RGB 197, 197, 199 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(197, 197, 199) looks like.

```
.text, #text, p{  
    color:rgb(197, 197, 199)  
}
```

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(197, 197, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 197, 199) }
```

Border

The CSS property to change the border of an element to RYB 197, 197, 199 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(197, 197, 199) }
```

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

```
.border{ border-color:rgb(197, 197, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 197, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 197, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 197, 199);  
box-shadow:4px 4px 4px 4px rgb(197, 197,  
199) }
```

Background

The CSS property to change the background color of an element to RYB 197, 197, 199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 197, 199) }
```

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

```
.background{ background-color: rgb(197,  
197, 199) }
```

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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