

Converting Colors

`RYB(172, 193, 178)`

Have a look what the booklet for
RYB(172, 193, 178) contains.

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Color

R_YB(172, 193, 178)

Conversions

Conversions Part 1

Format	Color
Hex	BBC1AC
RGB	187, 193, 172
RGB Percent	73%, 76%, 67%
CMY	0.2667, 0.2431, 0.3255
CMYK	0.03, 0.00, 0.11, 0.24
HSL	77°, 14%, 72%
HSV	77°, 11%, 76%
XYZ	47.0099, 51.6833, 46.5279
YIQ	188.8120, 3.1650, -7.8030

Conversions

Conversions Part 2

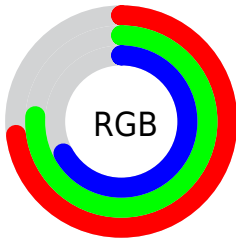
Format	Color
RYB	172, 193, 178
Decimal	12304812
CIELab	77.09, -5.84, 9.86
CIELCh	77, 11.459, 120.637
Yxy	51.6833, 0.3237, 0.3559
Android (android.graphics.Color)	4290494892 (0xFFBBC1AC)
YUV	188.8120, -8.2883, -1.5891
Hunter-Lab	71.8911, -9.0875, 11.9513

Details

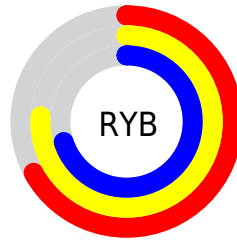
The RYB color **172, 193, 178** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **178, 172, 193**, and the grayscale version is **189, 189, 189**.

A 20% lighter version of the original color is **227, 249, 233**, and **120, 140, 126** is the 20% darker color. If you saturate the color by 10%, you get **153, 193, 165**, and if you desaturate by 10%, it is **191, 193, 191**.

Distribution



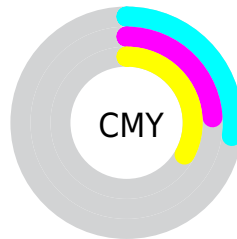
- Red (73%)
- Green (76%)
- Blue (67%)



- Red (67%)
- Yellow (76%)
- Blue (70%)



- Cyan (3%)
- Magenta (0%)
- Yellow (11%)
- Black (24%)



- Cyan (27%)
- Magenta (24%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the RYB color 172, 193, 178 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 172, 193, 178 by changing the saturation by 10% instead.

■ 172, 193, 178

255, 255, 255

■ 227, 249, 233

■ 172, 193, 178

■ 145, 166, 151

■ 120, 140, 126

■ 95, 114, 101

■ 71, 90, 77

■ 49, 66, 54

■ 28, 44, 33


■ 2, 24, 7

■ 0, 0, 0

■ 172, 193, 178


■ 172, 193, 178


 153, 193, 165


 191, 193, 191


 133, 193, 150


 198, 193, 211

 114, 193, 137

 204, 193, 230


 95, 193, 123

 209, 193, 249

 76, 193, 110

 215, 193, 255


 56, 193, 95


 220, 193, 255

 37, 193, 82

 226, 193, 255

 18, 193, 68

 231, 193, 255

 0, 193, 55

 237, 193, 255

Harmonies

Analogous

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



182, 199, 169



172, 193, 178



175, 192, 196

Triad

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



172, 193, 178



169, 184, 208



212, 183, 190

Complementary

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



172, 193, 178



178, 172, 193

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.



205, 185, 201



172, 193, 178



180, 188, 211

Square

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



172, 193, 178



164, 181, 201



193, 188, 209



213, 185, 180

Rectangle

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



172, 193, 178



169, 186, 197



193, 188, 209



210, 183, 194

Sweetspot

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



172, 193, 178



242, 250, 244



193, 180, 172



120, 125, 121



252, 252, 252



125, 125, 125

Same Dimension

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



172, 193, 178



217, 250, 226



172, 193, 188



87, 97, 90



0, 161, 46



0, 33, 9

Inverse Universe

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



178, 172, 193



227, 217, 250



188, 172, 193



90, 87, 97



46, 0, 161



9, 0, 33

Previews

White Background



This preview shows how the RYB color 172, 193, 178 looks on a white background.

Color Contrast Check

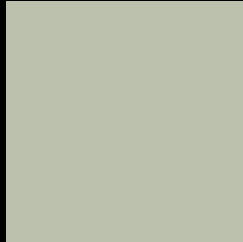
Large Text (above 18pt) WCAG AA × Fail

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 172, 193, 178 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

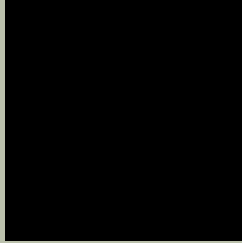
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

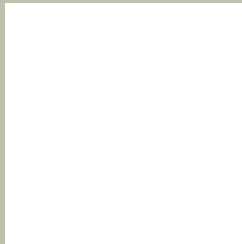
Any Text WCAG AAA ✓ Pass

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

RYB 172, 193, 178 Background



This preview shows how black text looks on a background with the RYB color 172, 193, 178.



This preview shows how white text looks on a background with the RYB color 172, 193, 178.

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
172, 193, 178

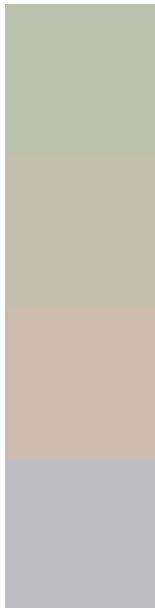
Protanopia
181, 198, 170

Deuteranopia
215, 186, 174



Tritanopia
192, 188, 203

Trichromacy



Original Color

172, 193, 178

Protanomaly

174, 194, 171

Deuteranomaly

205, 198, 173

Tritanomaly

190, 190, 192

Monochromacy



Original Color

172, 193, 178

Achromatopsia

189, 189, 189

Achromatomaly

183, 190, 185

CSS Examples

Text

The CSS property to change the color of the text to RYB 172, 193, 178 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, 193, 172)` looks like.

```
.text, #text, p{  
    color:rgb(187, 193, 172)  
}
```

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, 193, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 193, 172) }
```

Border

The CSS property to change the border of an element to RYB 172, 193, 178 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, 193, 172) }
```

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

```
.border{ border-color:rgb(187, 193, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 193, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 193, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 193, 172);  
box-shadow:4px 4px 4px 4px rgb(187, 193,  
172) }
```

Background

The CSS property to change the background color of an element to RYB 172, 193, 178 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 193, 172) }
```

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

```
.background{ background-color: rgb(187,  
193, 172) }
```

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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