

Converting Colors

`RYB(172, 189, 202)`

Have a look what the booklet for
RYB(172, 189, 202) contains.

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Color

R_YB(172, 189, 202)

Conversions

Conversions Part 1

Format	Color
Hex	ACCAC3
RGB	172, 202, 195
RGB Percent	67%, 79%, 76%
CMY	0.3255, 0.2078, 0.2355
CMYK	0.15, 0.00, 0.03, 0.21
HSL	166°, 22%, 73%
HSV	166°, 15%, 79%
XYZ	47.9775, 54.9492, 59.6725
YIQ	192.2320, -15.6330, -8.5370

Conversions

Conversions Part 2

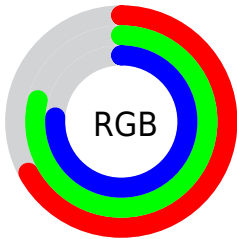
Format	Color
R _{YB}	172, 189, 202
Decimal	11324099
CIE Lab	79.01, -11.42, 0.14
CIE LCh	79, 11.425, 179.277
Yxy	54.9492, 0.2951, 0.3379
Android (android.graphics.Color)	4289514179 (0xFFACCAC3)
YUV	192.2320, 1.3646, -17.7435
Hunter-Lab	74.1277, -14.1935, 4.1612

Details

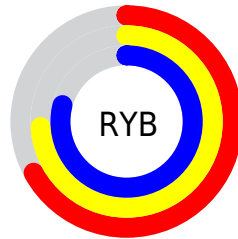
The RYB color **172, 189, 202** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **202, 172, 179**, and the grayscale version is **192, 192, 192**.

A 20% lighter version of the original color is **228, 242, 255**, and **119, 135, 148** is the 20% darker color. If you saturate the color by 10%, you get **152, 180, 202**, and if you desaturate by 10%, it is **192, 198, 202**.

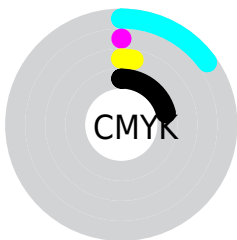
Distribution



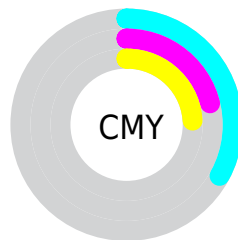
- Red (67%)
- Green (79%)
- Blue (76%)



- Red (67%)
- Yellow (74%)
- Blue (79%)



- Cyan (15%)
- Magenta (0%)
- Yellow (3%)
- Black (21%)



- Cyan (33%)
- Magenta (21%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the RYB color 172, 189, 202 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, 189, 202 by changing the saturation by 10% instead.

 172, 189, 202


255, 255, 255

 228, 243, 255

 172, 189, 202

 145, 162, 175

 119, 135, 148

 94, 110, 122

 70, 85, 97

 47, 61, 73

 25, 39, 51

 3, 18, 30


 0, 0, 0

 172, 189, 202


 172, 189, 202

 152, 180, 202


 192, 198, 202

 132, 172, 202


 212, 202, 204

 111, 162, 202


 233, 202, 209

 91, 154, 202


 253, 202, 214

 71, 145, 202


 255, 202, 219

 51, 137, 202


 255, 202, 223

 31, 128, 202

 255, 202, 228

 10, 119, 202

 255, 202, 233

 0, 115, 202

 255, 202, 238

Harmonies

Analogous

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



181, 198, 201



172, 189, 202



169, 186, 206

Triad

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



172, 189, 202



198, 193, 214



214, 198, 178

Complementary

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



172, 189, 202



202, 172, 179

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.



219, 189, 186



172, 189, 202



210, 190, 207

Square

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



172, 189, 202



184, 193, 217



217, 189, 196



190, 205, 175

Rectangle

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



172, 189, 202



171, 188, 211



217, 189, 196



216, 194, 180

Sweetspot

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



172, 189, 202



245, 251, 255



172, 202, 194



121, 125, 128



0, 0, 0



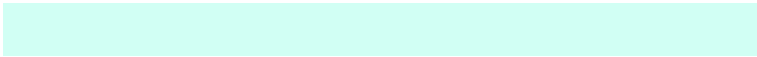
128, 128, 128

Same Dimension

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



172, 189, 202



209, 235, 255



172, 185, 202



92, 98, 102



0, 94, 166



0, 22, 38

Inverse Universe

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



202, 172, 179



255, 209, 220



202, 183, 172



102, 92, 94



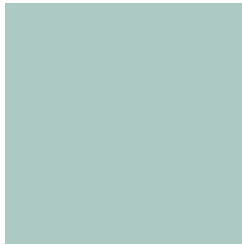
166, 0, 39



38, 0, 9

Previews

White Background



This preview shows how the RYB color 172, 189, 202 looks on a white background.

Color Contrast Check

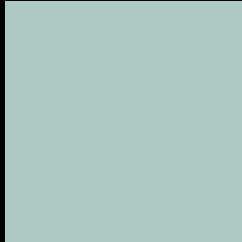
Large Text (above 18pt) WCAG AA × Fail

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, 189, 202 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](#).

R Y B 172, 189, 202 Background



This preview shows how black text looks on a background with the RYB color 172, 189, 202.



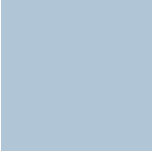
This preview shows how white text looks on a background with the RYB color 172, 189, 202.

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](#).

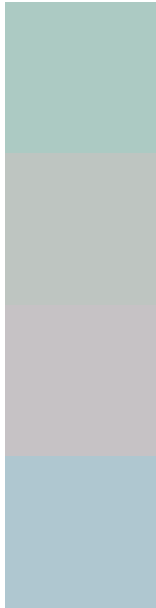
Dichromacy





Tritanopia
176, 190, 215

Trichromacy



Original Color

172, 189, 202

Protanomaly

190, 195, 197

Deuteranomaly

198, 194, 197

Tritanomaly

175, 189, 208

Monochromacy



Original Color

172, 189, 202

Achromatopsia

192, 192, 192

Achromatomaly

185, 191, 196

CSS Examples

Text

The CSS property to change the color of the text to RYB 172, 189, 202 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(172, 202, 195)` looks like.

```
.text, #text, p{  
    color:rgb(172, 202, 195)  
}
```

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(172, 202, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 202, 195) }
```

Border

The CSS property to change the border of an element to RYB 172, 189, 202 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(172, 202, 195) }
```

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

```
.border{ border-color:rgb(172, 202, 195) }
```

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

Here you see how a box with a 4 pixel rgb(172, 202, 195) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 202, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 202, 195);  
box-shadow:4px 4px 4px 4px rgb(172, 202,  
195) }
```

Background

The CSS property to change the background color of an element to RYB 172, 189, 202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 202, 195) }
```

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

```
.background{ background-color: rgb(172,  
202, 195) }
```

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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