

Converting Colors

`RYB(170, 190, 201)`

Have a look what the booklet for
RYB(170, 190, 201) contains.

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Color

R_YB(170, 190, 201)

Conversions

Conversions Part 1

Format	Color
Hex	AAC9BB
RGB	170, 201, 187
RGB Percent	67%, 79%, 73%
CMY	0.3333, 0.2118, 0.2665
CMYK	0.15, 0.00, 0.07, 0.21
HSL	153°, 22%, 73%
HSV	153°, 15%, 79%
XYZ	46.4392, 53.9093, 54.9997
YIQ	190.1350, -13.9820, -10.9260

Conversions

Conversions Part 2

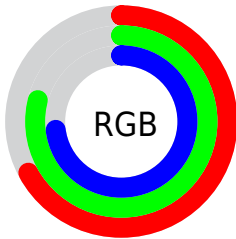
Format	Color
RYB	170, 190, 201
Decimal	11192763
CIELab	78.41, -13.13, 3.49
CIELCh	78, 13.583, 165.098
Yxy	53.9093, 0.2989, 0.3470
Android (android.graphics.Color)	4289382843 (0xFFAAC9BB)
YUV	190.1350, -1.5456, -17.6584
Hunter-Lab	73.4230, -15.5910, 6.9831

Details

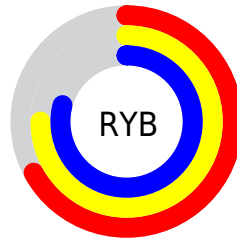
The RYB color **170, 190, 201** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **201, 170, 184**, and the grayscale version is **190, 190, 190**.

A 20% lighter version of the original color is **226, 244, 255**, and **118, 137, 147** is the 20% darker color. If you saturate the color by 10%, you get **150, 183, 201**, and if you desaturate by 10%, it is **190, 197, 201**.

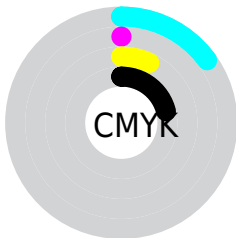
Distribution



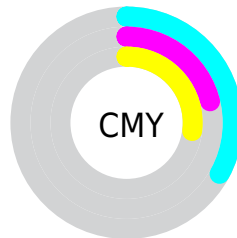
- Red (67%)
- Green (79%)
- Blue (73%)



- Red (67%)
- Yellow (75%)
- Blue (79%)



- Cyan (15%)
- Magenta (0%)
- Yellow (7%)
- Black (21%)



- Cyan (33%)
- Magenta (21%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the RYB color 170, 190, 201 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 170, 190, 201 by changing the saturation by 10% instead.

 170, 190, 201

255, 255, 255


 226, 244, 255

254, 255, 255

 170, 190, 201

 143, 163, 174

 118, 137, 147

 93, 111, 121


 69, 86, 96

 46, 62, 72


 24, 40, 50


 0, 18, 29


 0, 0, 0

 170, 190, 201


 170, 190, 201

 150, 183, 201


 190, 197, 201

 130, 176, 201


 210, 201, 205

 110, 169, 201


 230, 201, 214

 90, 162, 201


 250, 201, 223

 70, 155, 201


 255, 201, 232

 49, 147, 201

 255, 201, 241

 29, 140, 201

 255, 201, 250

 9, 133, 201

 255, 201, 255

 0, 129, 201

Harmonies

Analogous

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



176, 199, 192



170, 190, 201



163, 182, 201

Triad

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



170, 190, 201



189, 193, 218



219, 190, 177

Complementary

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



170, 190, 201



201, 170, 184

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.



221, 185, 188



170, 190, 201



204, 189, 212

Square

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



170, 190, 201



173, 189, 218



216, 186, 201



206, 210, 170

Rectangle

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



170, 190, 201



162, 183, 208



216, 186, 201



220, 188, 180

Sweetspot

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



170, 190, 201



242, 250, 255



170, 201, 187



120, 125, 128



0, 0, 0



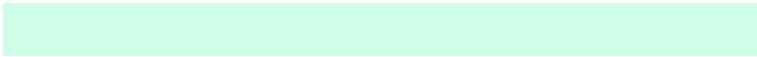
128, 128, 128

Same Dimension

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



170, 190, 201



207, 238, 255



170, 185, 201



90, 96, 99



0, 105, 163



0, 23, 36

Inverse Universe

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



201, 170, 184



255, 207, 228



201, 172, 170



99, 90, 94



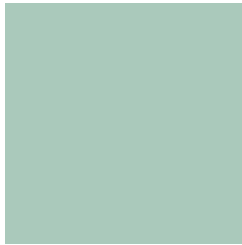
163, 0, 73



36, 0, 16

Previews

White Background



This preview shows how the RYB color 170, 190, 201 looks on a white background.

Color Contrast Check

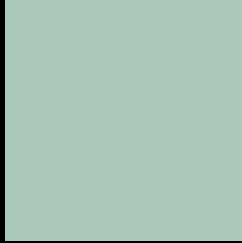
Large Text (above 18pt) WCAG AA × Fail

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 170, 190, 201 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

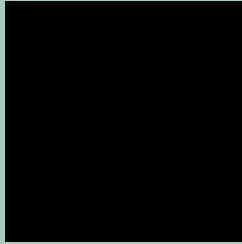
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

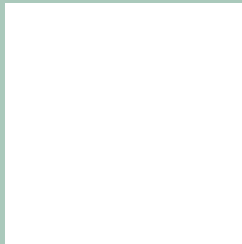
Any Text WCAG AAA ✓ Pass

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

R/Y/B 170, 190, 201 Background



This preview shows how black text looks on a background with the R/Y/B color 170, 190, 201.



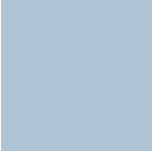
This preview shows how white text looks on a background with the R/Y/B color 170, 190, 201.

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
175, 189, 213

Trichromacy



Original Color

170, 190, 201

Protanomaly

184, 196, 191

Deuteranomaly

198, 194, 189

Tritanomaly

173, 187, 204

Monochromacy



Original Color

170, 190, 201

Achromatopsia

190, 190, 190

Achromatomaly

183, 190, 194

CSS Examples

Text

The CSS property to change the color of the text to RYB 170, 190, 201 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(170, 201, 187)` looks like.

```
.text, #text, p{  
    color:rgb(170, 201, 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(170, 201, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 201, 187) }
```

Border

The CSS property to change the border of an element to RYB 170, 190, 201 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(170, 201, 187) }
```

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

```
.border{ border-color:rgb(170, 201, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 201, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 201, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 201, 187);  
box-shadow:4px 4px 4px 4px rgb(170, 201,  
187) }
```

Background

The CSS property to change the background color of an element to RYB 170, 190, 201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 201, 187) }
```

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

```
.background{ background-color: rgb(170,  
201, 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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