

Converting Colors

`RYB(162, 183, 210)`

Have a look what the booklet for
RYB(162, 183, 210) contains.

RYB(162, 183, 210)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(162, 183, 210)

Conversions

Conversions Part 1

Format	Color
Hex	A2C7D2
RGB	162, 199, 210
RGB Percent	64%, 78%, 82%
CMY	0.3647, 0.2183, 0.1765
CMYK	0.23, 0.05, 0.00, 0.18
HSL	193°, 35%, 73%
HSV	193°, 23%, 82%
XYZ	47.0334, 53.3349, 68.7885
YIQ	189.1910, -25.5830, -4.4230

Conversions

Conversions Part 2

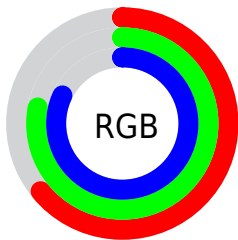
Format	Color
RYB	162, 183, 210
Decimal	10667986
CIELab	78.07, -10.00, -9.42
CIELCh	78, 13.739, 223.277
Yxy	53.3349, 0.2780, 0.3153
Android (android.graphics.Color)	4288858066 (0xFFA2C7D2)
YUV	189.1910, 10.2588, -23.8465
Hunter-Lab	73.0308, -12.8461, -4.7244

Details

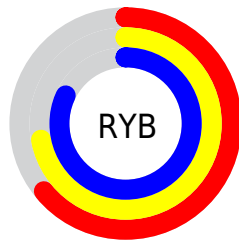
The RYB color **162, 183, 210** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **210, 176, 162**, and the grayscale version is **189, 189, 189**.

A 20% lighter version of the original color is **218, 237, 255**, and **109, 129, 156** is the 20% darker color. If you saturate the color by 10%, you get **141, 171, 210**, and if you desaturate by 10%, it is **183, 195, 210**.

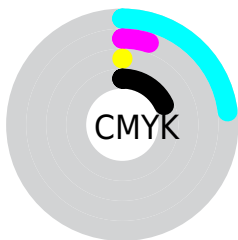
Distribution



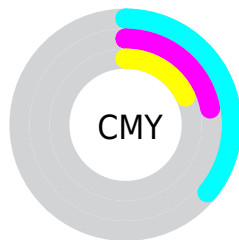
- Red (64%)
- Green (78%)
- Blue (82%)



- Red (64%)
- Yellow (72%)
- Blue (82%)



- Cyan (23%)
- Magenta (5%)
- Yellow (0%)
- Black (18%)




- Cyan (36%)
- Magenta (22%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the RYB color 162, 183, 210 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 162, 183, 210 by changing the saturation by 10% instead.

 162, 183, 210

255, 255, 255


 218, 237, 255

 246, 251, 255

 162, 183, 210

 135, 156, 182


 109, 129, 156

 84, 104, 130

 59, 79, 104

 35, 55, 80

 9, 31, 57

 0, 16, 36

 0, 1, 14

 0, 0, 0

■ 162, 183, 210

■ 162, 183, 210

■ 141, 171, 210

■ 183, 195, 210

■ 120, 159, 210

■ 204, 207, 210

■ 99, 147, 210

■ 225, 214, 210

■ 78, 136, 210

■ 246, 220, 210

■ 57, 124, 210

■ 255, 228, 210

■ 36, 112, 210

■ 255, 237, 210

■ 15, 100, 210

■ 255, 253, 210

■ 0, 92, 210

■ 240, 255, 210

■ 230, 255, 210

Harmonies

Analogous

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



162, 182, 201



162, 183, 210



171, 187, 217

Triad

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



162, 183, 210



215, 185, 201



171, 197, 168

Complementary

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



162, 183, 210



210, 176, 162

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.



208, 210, 169



162, 183, 210



220, 184, 188

Square

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



162, 183, 210



202, 188, 212



219, 189, 176



174, 198, 189

Rectangle

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



162, 183, 210



181, 191, 218



219, 189, 176



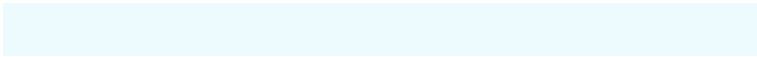
180, 202, 168

Sweetspot

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



162, 183, 210



237, 245, 255



162, 202, 210



117, 122, 128



0, 0, 0



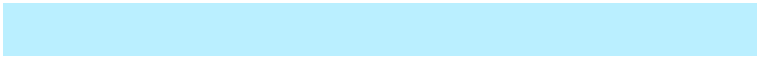
128, 128, 128

Same Dimension

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



162, 183, 210



186, 216, 255



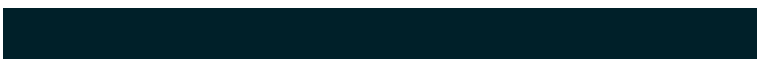
162, 173, 210



94, 99, 105



0, 74, 168



0, 18, 41

Inverse Universe

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



210, 162, 199



255, 186, 240



182, 210, 162



105, 94, 102



168, 0, 131



41, 0, 32

Previews

White Background



This preview shows how the RYB color 162, 183, 210 looks on a white background.

Color Contrast Check

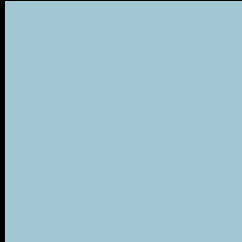
Large Text (above 18pt) WCAG AA × Fail

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 162, 183, 210 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

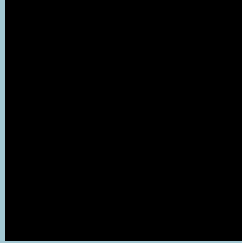
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

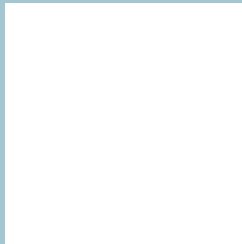
Any Text WCAG AAA ✓ Pass

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

R/Y/B 162, 183, 210 Background



This preview shows how black text looks on a background with the R/Y/B color 162, 183, 210.

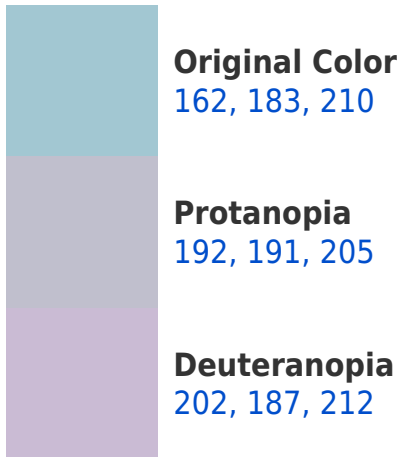


This preview shows how white text looks on a background with the R/Y/B color 162, 183, 210.

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



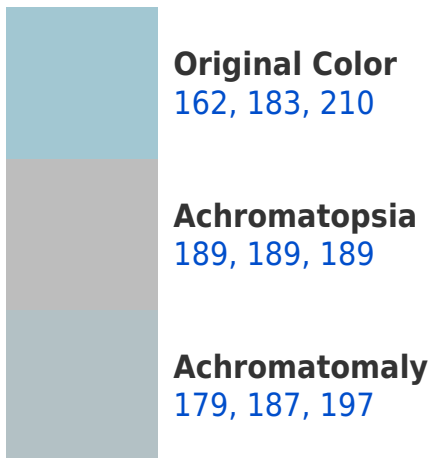


Tritanopia
163, 184, 214

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RGB 162, 183, 210 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(162, 199, 210)` looks like.

```
.text, #text, p{  
    color:rgb(162, 199, 210)  
}
```

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(162, 199, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 199, 210) }
```

Border

The CSS property to change the border of an element to RYB 162, 183, 210 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(162, 199, 210) }
```

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

```
.border{ border-color:rgb(162, 199, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 199, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 199, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 199, 210);  
box-shadow:4px 4px 4px 4px rgb(162, 199,  
210) }
```

Background

The CSS property to change the background color of an element to RYB 162, 183, 210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 199, 210) }
```

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

```
.background{ background-color: rgb(162,  
199, 210) }
```

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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