

Converting Colors

`RYB(163, 184, 214)`

Have a look what the booklet for
RYB(163, 184, 214) contains.

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Color

R_YB(163, 184, 214)

Conversions

Conversions Part 1

Format	Color
Hex	A3C7D6
RGB	163, 199, 214
RGB Percent	64%, 78%, 84%
CMY	0.3608, 0.2208, 0.1608
CMYK	0.24, 0.07, 0.00, 0.16
HSL	198°, 38%, 74%
HSV	198°, 24%, 84%
XYZ	47.5963, 53.3505, 71.4074
YIQ	189.9460, -26.2710, -2.9670

Conversions

Conversions Part 2

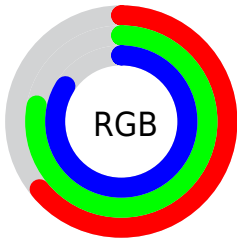
Format	Color
R _{YB}	163, 184, 214
Decimal	10733526
CIE Lab	78.08, -8.47, -11.55
CIE LCh	78, 14.326, 233.752
Yxy	53.3505, 0.2762, 0.3095
Android (android.graphics.Color)	4288923606 (0xFFA3C7D6)
YUV	189.9460, 11.8586, -23.6316
Hunter-Lab	73.0414, -11.5057, -6.8346

Details

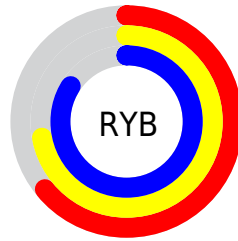
The RYB color **163, 184, 214** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **214, 184, 163**, and the grayscale version is **190, 190, 190**.

A 20% lighter version of the original color is **219, 237, 255**, and **110, 130, 159** is the 20% darker color. If you saturate the color by 10%, you get **142, 172, 214**, and if you desaturate by 10%, it is **184, 196, 214**.

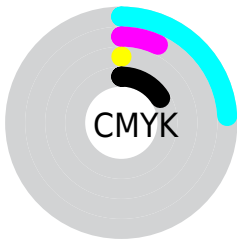
Distribution



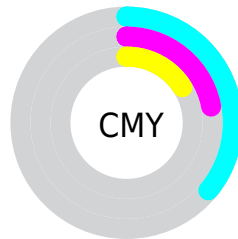
- Red (64%)
- Green (78%)
- Blue (84%)



- Red (64%)
- Yellow (72%)
- Blue (84%)



- Cyan (24%)
- Magenta (7%)
- Yellow (0%)
- Black (16%)



- Cyan (36%)
- Magenta (22%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the RYB color 163, 184, 214 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 163, 184, 214 by changing the saturation by 10% instead.

■ 163, 184, 214

255, 255, 255

■ 219, 237, 255

■ 247, 251, 255

■ 163, 184, 214

■ 136, 157, 186

■ 110, 130, 159

■ 85, 105, 133

■ 60, 80, 108

■ 36, 56, 84

■ 9, 31, 61


■ 0, 16, 39


■ 0, 1, 18


■ 0, 0, 0

 163, 184, 214


 163, 184, 214

 142, 172, 214


 184, 196, 214

 120, 159, 214


 206, 209, 214

 99, 146, 214


 227, 220, 214

 77, 133, 214

 249, 228, 214

 56, 121, 214

 255, 243, 214

 35, 109, 214

 246, 255, 214

 13, 96, 214

 229, 255, 214

 0, 88, 214

 220, 255, 214

 214, 255, 214

Harmonies

Analogous

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



159, 180, 203



163, 184, 214



176, 189, 219

Triad

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



163, 184, 214



218, 184, 196



169, 195, 172

Complementary

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



163, 184, 214



214, 184, 163

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.



194, 207, 167



163, 184, 214



222, 184, 183

Square

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



163, 184, 214



208, 187, 209



217, 195, 172



177, 199, 199

Rectangle

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



163, 184, 214



187, 191, 219



217, 195, 172



170, 197, 167

Sweetspot

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



163, 184, 214



237, 245, 255



163, 202, 214



117, 121, 128



0, 0, 0



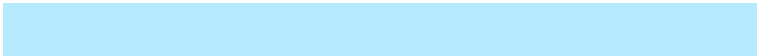
128, 128, 128

Same Dimension

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



163, 184, 214



181, 212, 255



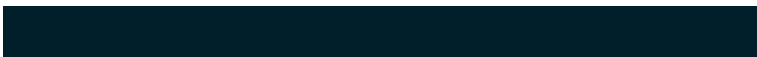
163, 171, 214



96, 101, 107



0, 71, 171



0, 18, 43

Inverse Universe

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



214, 163, 199



255, 181, 233



175, 214, 163



107, 96, 104



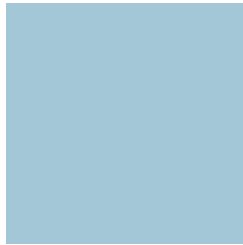
171, 0, 120



43, 0, 30

Previews

White Background



This preview shows how the RYB color 163, 184, 214 looks on a white background.

Color Contrast Check

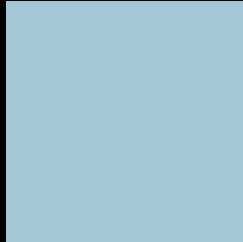
Large Text (above 18pt) WCAG AA × Fail

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 163, 184, 214 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

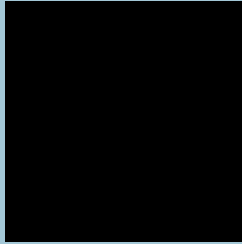
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

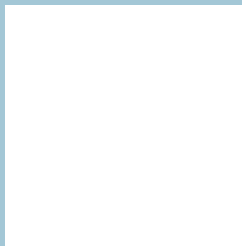
Any Text WCAG AAA ✓ Pass

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

RYB 163, 184, 214 Background



This preview shows how black text looks on a background with the RYB color 163, 184, 214.

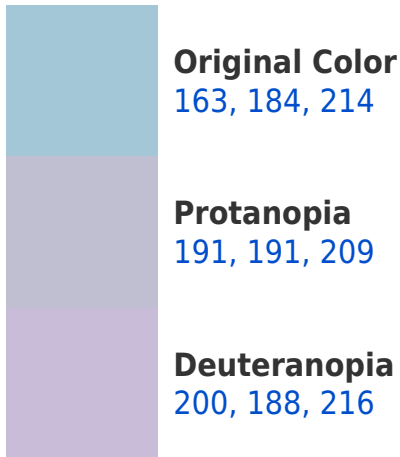


This preview shows how white text looks on a background with the RYB color 163, 184, 214.

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](#).

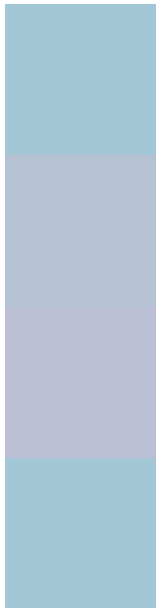
Dichromacy





Tritanopia
163, 184, 214

Trichromacy



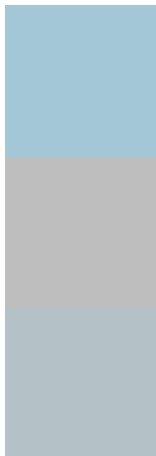
Original Color
163, 184, 214

Protanomaly
181, 190, 211

Deuteranomaly
187, 191, 215

Tritanomaly
163, 184, 214

Monochromacy



Original Color
163, 184, 214

Achromatopsia
190, 190, 190

Achromatomaly
180, 188, 199

CSS Examples

Text

The CSS property to change the color of the text to RYB 163, 184, 214 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(163, 199, 214)` looks like.

```
.text, #text, p{  
    color:rgb(163, 199, 214)  
}
```

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(163, 199, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 199, 214) }
```

Border

The CSS property to change the border of an element to RYB 163, 184, 214 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(163, 199, 214) }
```

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

```
.border{ border-color:rgb(163, 199, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 199, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 199, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 199, 214);  
box-shadow:4px 4px 4px 4px rgb(163, 199,  
214) }
```

Background

The CSS property to change the background color of an element to RYB 163, 184, 214 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 199, 214) }
```

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

```
.background{ background-color: rgb(163,  
199, 214) }
```

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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