

Converting Colors

`RYB(170, 190, 214)`

Have a look what the booklet for
RYB(170, 190, 214) contains.

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Color

$\text{RYB}(170, 190, 214)$

Conversions

Conversions Part 1

Format	Color
Hex	AACFD6
RGB	170, 207, 214
RGB Percent	67%, 81%, 84%
CMY	0.3333, 0.1895, 0.1608
CMYK	0.21, 0.03, 0.00, 0.16
HSL	190°, 35%, 75%
HSV	190°, 21%, 84%
XYZ	50.9473, 57.8654, 72.1023
YIQ	196.7350, -24.2990, -5.6670

Conversions

Conversions Part 2

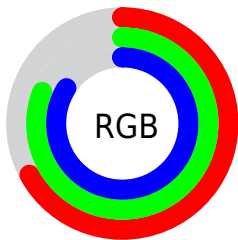
Format	Color
RYB	170, 190, 214
Decimal	11194326
CIELab	80.66, -10.49, -7.66
CIELCh	81, 12.994, 216.138
Yxy	57.8654, 0.2816, 0.3198
Android (android.graphics.Color)	4289384406 (0xFFAACFD6)
YUV	196.7350, 8.5116, -23.4466
Hunter-Lab	76.0693, -13.5711, -2.9495

Details

The RYB color **170, 190, 214** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **214, 178, 170**, and the grayscale version is **196, 196, 196**.

A 20% lighter version of the original color is **226, 241, 255**, and **117, 136, 159** is the 20% darker color. If you saturate the color by 10%, you get **149, 178, 214**, and if you desaturate by 10%, it is **191, 201, 214**.

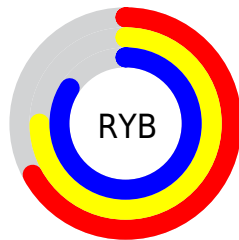
Distribution



Red (67%)

Green (81%)

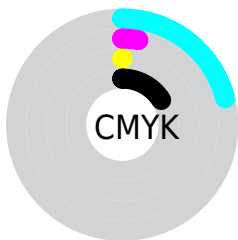
Blue (84%)



Red (67%)

Yellow (75%)

Blue (84%)

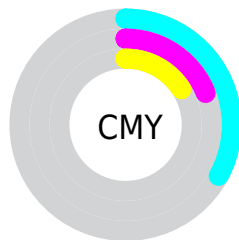


Cyan (21%)

Magenta (3%)

Yellow (0%)

Black (16%)



Cyan (33%)


Magenta (19%)

Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the RYB color 170, 190, 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 170, 190, 214 by changing the saturation by 10% instead.

 170, 190, 214


255, 255, 255

 226, 241, 255

 170, 190, 214

 143, 163, 186

 117, 136, 159

 92, 111, 133

 67, 86, 108

 43, 62, 84

 19, 38, 61

 0, 18, 39

 0, 4, 19

 0, 0, 0

■ 170, 190, 214

■ 170, 190, 214

■ 149, 178, 214

■ 191, 201, 214

■ 127, 167, 214

■ 213, 214, 214

■ 106, 155, 214

■ 234, 218, 214

■ 84, 143, 214

■ 255, 222, 214

■ 63, 132, 214

■ 255, 229, 214

■ 42, 120, 214

■ 255, 235, 214

■ 20, 108, 214

■ 255, 246, 214

■ 0, 97, 214

■ 253, 255, 214

■ 240, 255, 214

Harmonies

Analogous

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



172, 192, 208



170, 190, 214



177, 194, 222

Triad

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



170, 190, 214



219, 193, 210



187, 208, 176

Complementary

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



170, 190, 214



214, 178, 170

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, 210, 178



170, 190, 214



226, 192, 198

Square

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



170, 190, 214



206, 196, 220



226, 194, 186



180, 204, 190

Rectangle

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



170, 190, 214



186, 197, 224



226, 194, 186



196, 212, 176

Sweetspot

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



170, 190, 214



240, 247, 255



170, 208, 214



119, 123, 128



0, 0, 0



128, 128, 128

Same Dimension

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



170, 190, 214



191, 220, 255



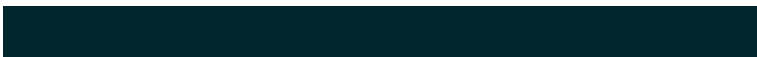
170, 181, 214



96, 101, 107



0, 78, 171



0, 20, 43

Inverse Universe

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



214, 170, 207



255, 191, 244



193, 214, 170



107, 96, 105



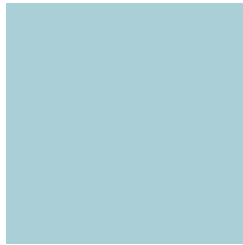
171, 0, 142



43, 0, 36

Previews

White Background



This preview shows how the RYB color 170, 190, 214 looks on a white background.

Color Contrast Check

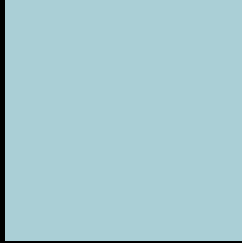
Large Text (above 18pt) WCAG AA × Fail

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 170, 190, 214 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

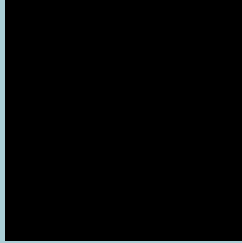
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

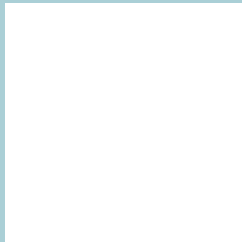
Any Text WCAG AAA ✓ Pass

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

RYB 170, 190, 214 Background



This preview shows how black text looks on a background with the RYB color 170, 190, 214.

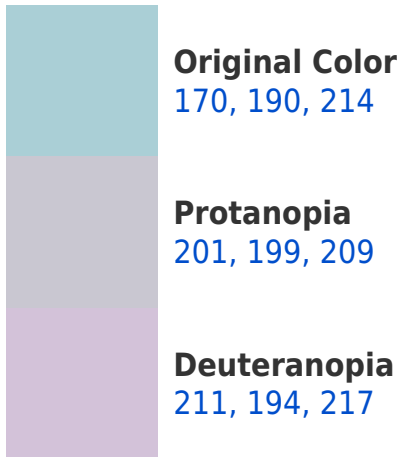


This preview shows how white text looks on a background with the RYB color 170, 190, 214.

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](#).

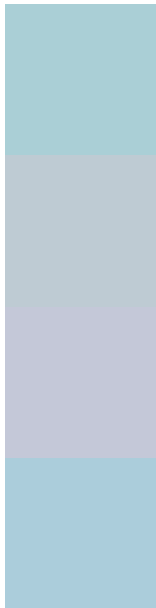
Dichromacy





Tritanopia
172, 192, 222

Trichromacy



Original Color

170, 190, 214

Protanomaly

190, 198, 211

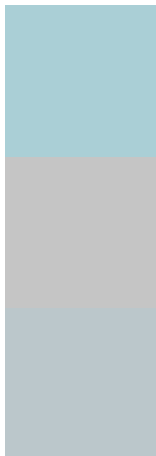
Deuteranomaly

196, 199, 216

Tritanomaly

171, 191, 219

Monochromacy



Original Color

170, 190, 214

Achromatopsia

197, 197, 197

Achromatomaly

187, 194, 203

CSS Examples

Text

The CSS property to change the color of the text to RYB 170, 190, 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(170, 207, 214)` looks like.

```
.text, #text, p{  
    color:rgb(170, 207, 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(170, 207, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 207, 214) }
```

Border

The CSS property to change the border of an element to RYB 170, 190, 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(170, 207, 214) }
```

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

```
.border{ border-color:rgb(170, 207, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 207, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 207, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 207, 214);  
box-shadow:4px 4px 4px 4px rgb(170, 207,  
214) }
```

Background

The CSS property to change the background color of an element to RYB 170, 190, 214 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 207, 214) }
```

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

```
.background{ background-color: rgb(170,  
207, 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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