

Converting Colors

`RYB(170, 139, 182)`

Have a look what the booklet for RYB(170, 139, 182) contains.

RYB(170, 139, 182)	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(170, 139, 182)

Conversions

Conversions Part 1

Format	Color
Hex	AA8BB6
RGB	170, 139, 182
RGB Percent	67%, 55%, 71%
CMY	0.3333, 0.4549, 0.2863
CMYK	0.07, 0.24, 0.00, 0.29
HSL	283°, 23%, 63%
HSV	283°, 24%, 71%
XYZ	34.2537, 30.3887, 48.3162
YIQ	153.1710, 4.6730, 19.9450

Conversions

Conversions Part 2

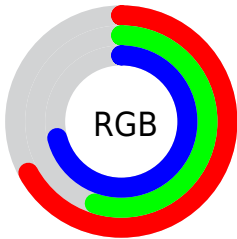
Format	Color
R _Y B	170, 139, 182
Decimal	11176886
CIE Lab	61.99, 19.66, -18.09
CIE LCh	62, 26.714, 317.389
Yxy	30.3887, 0.3032, 0.2690
Android (android.graphics.Color)	4289366966 (0xFFAA8BB6)
YUV	153.1710, 14.2127, 14.7590
Hunter-Lab	55.1259, 14.4444, -13.3777

Details

The RYB color **170, 139, 182** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **139, 182, 170**, and the grayscale version is **153, 153, 153**.

A 20% lighter version of the original color is **226, 193, 238**, and **117, 89, 129** is the 20% darker color. If you saturate the color by 10%, you get **165, 121, 182**, and if you desaturate by 10%, it is **175, 157, 182**.

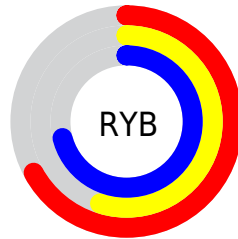
Distribution



Red (67%)

Green (55%)

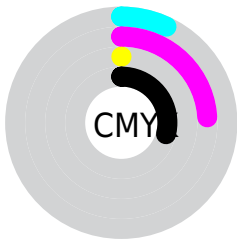
Blue (71%)



Red (67%)

Yellow (55%)

Blue (71%)

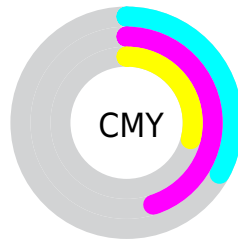


Cyan (7%)

Magenta (24%)

Yellow (0%)

Black (29%)



Cyan (33%)

Magenta (45%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the RYB color 170, 139, 182 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, 139, 182 by changing the saturation by 10% instead.


 170, 139, 182


255, 255, 255

 226, 193, 238


 254, 221, 255

 255, 249, 255

 170, 139, 182

 143, 113, 155

 117, 89, 129

 92, 65, 104


 68, 43, 80

 45, 21, 57

 27, 0, 35

 0, 0, 10

 0, 0, 0

 170, 139, 182

 170, 139, 182

165, 121, 182

175, 157, 182

160, 103, 182

180, 175, 182

155, 84, 182

182, 194, 191

150, 66, 182

182, 212, 204

145, 48, 182

182, 230, 217

140, 30, 182

182, 248, 230

134, 12, 182

182, 255, 231

131, 0, 182

182, 255, 226

182, 255, 221

Harmonies

Analogous

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



139, 146, 195



170, 139, 182



190, 133, 161

Triad

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



170, 139, 182



158, 176, 104



78, 121, 163

Complementary

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



170, 139, 182



139, 182, 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.



98, 137, 162



170, 139, 182



104, 153, 105

Square

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



170, 139, 182



192, 145, 116



117, 159, 150



79, 125, 184

Rectangle

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



170, 139, 182



197, 132, 145



117, 159, 150



83, 125, 163

Sweetspot

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



170, 139, 182



233, 221, 237



139, 148, 182



117, 110, 120



247, 247, 247



120, 120, 120

Same Dimension

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



170, 139, 182



219, 171, 237



182, 139, 173



89, 83, 92



112, 0, 156



20, 0, 28

Inverse Universe

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



182, 139, 151



237, 171, 189



139, 175, 182



92, 83, 85



156, 0, 43



28, 0, 8

Previews

White Background



This preview shows how the RYB color 170, 139, 182 looks on a white background.

Color Contrast Check

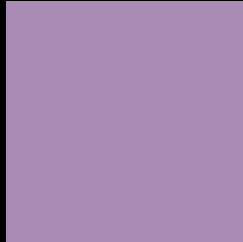
Large Text (above 18pt) WCAG AA × Fail

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, 139, 182 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, 139, 182 Background



This preview shows how black text looks on a background with the RYB color 170, 139, 182.

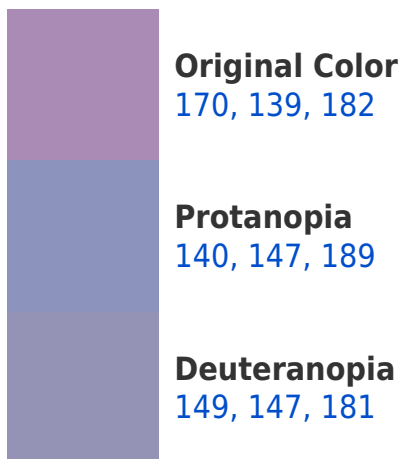


This preview shows how white text looks on a background with the RYB color 170, 139, 182.

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
166, 144, 155

Trichromacy



Original Color
170, 139, 182

Protanomaly
151, 145, 186

Deuteranomaly
157, 144, 181

Tritanomaly
167, 142, 165

Monochromacy



Original Color
170, 139, 182

Achromatopsia
153, 153, 153

Achromatomaly
159, 148, 164

CSS Examples

Text

The CSS property to change the color of the text to RGB 170, 139, 182 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, 139, 182) looks like.

```
.text, #text, p{  
    color:rgb(170, 139, 182)  
}
```

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, 139, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 139, 182) }
```

Border

The CSS property to change the border of an element to RYB 170, 139, 182 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, 139, 182) }
```

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

```
.border{ border-color:rgb(170, 139, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 139, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 139, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 139, 182);  
box-shadow:4px 4px 4px 4px rgb(170, 139,  
182) }
```

Background

The CSS property to change the background color of an element to RYB 170, 139, 182 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 139, 182) }
```

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

```
.background{ background-color: rgb(170,  
139, 182) }
```

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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