

Converting Colors

`RYB(199, 139, 182)`

Have a look what the booklet for RYB(199, 139, 182) contains.

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Color

R_YB(199, 139, 182)

Conversions

Conversions Part 1

Format	Color
Hex	C78BB6
RGB	199, 139, 182
RGB Percent	78%, 55%, 71%
CMY	0.2196, 0.4549, 0.2863
CMYK	0.00, 0.30, 0.09, 0.22
HSL	317°, 35%, 66%
HSV	317°, 30%, 78%
XYZ	41.2293, 33.9848, 48.6427
YIQ	161.8420, 21.9570, 26.0930

Conversions

Conversions Part 2

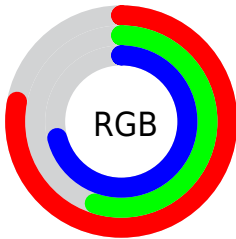
Format	Color
RYB	199, 139, 182
Decimal	13077430
CIELab	64.95, 29.57, -13.32
CIELCh	65, 32.432, 335.748
Yxy	33.9848, 0.3329, 0.2744
Android (android.graphics.Color)	4291267510 (0xFFC78BB6)
YUV	161.8420, 9.9379, 32.5876
Hunter-Lab	58.2964, 24.2227, -8.6642

Details

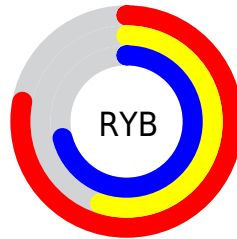
The RYB color **199, 139, 182** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **139, 186, 199**, and the grayscale version is **162, 162, 162**.

A 20% lighter version of the original color is **255, 193, 238**, and **144, 88, 129** is the 20% darker color. If you saturate the color by 10%, you get **199, 119, 176**, and if you desaturate by 10%, it is **199, 159, 188**.

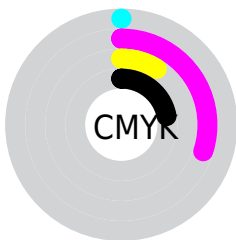
Distribution



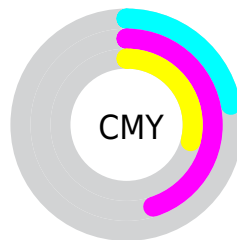
- Red (78%)
- Green (55%)
- Blue (71%)



- Red (78%)
- Yellow (55%)
- Blue (71%)



- Cyan (0%)
- Magenta (30%)
- Yellow (9%)
- Black (22%)



- Cyan (22%)
- Magenta (45%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the RYB color 199, 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 199, 139, 182 by changing the saturation by 10% instead.

 199, 139, 182


255, 255, 255

 255, 193, 238

 255, 221, 255

 255, 250, 255

 199, 139, 182

 171, 113, 155

 144, 88, 129

 118, 64, 104

 92, 40, 80


 68, 17, 57

 45, 0, 35

 14, 0, 12

 0, 0, 0

 199, 139, 182

 199, 139, 182

 199, 119, 176

 199, 159, 188

 199, 99, 171

 199, 179, 193

 199, 79, 165

 199, 199, 199

 199, 59, 159

 199, 214, 219

 199, 39, 154

 199, 230, 239

 199, 20, 148

 199, 242, 255

 199, 0, 143

 199, 239, 255

 199, 236, 255

 199, 234, 255

Harmonies

Analogous

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



169, 148, 205



199, 139, 182



214, 135, 153

Triad

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



199, 139, 182



116, 172, 99



52, 116, 190

Complementary

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



199, 139, 182



139, 186, 199

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.



71, 125, 173



199, 139, 182



110, 166, 135

Square

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



199, 139, 182



197, 186, 105



106, 152, 171



80, 132, 210

Rectangle

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



199, 139, 182



214, 137, 134



106, 152, 171



54, 116, 182

Sweetspot

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



199, 139, 182



255, 232, 248



156, 139, 199



128, 113, 124



0, 0, 0



128, 128, 128

Same Dimension

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



199, 139, 182



255, 163, 229



199, 139, 152



99, 90, 97



163, 0, 117



36, 0, 26

Inverse Universe

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



199, 139, 182



255, 163, 229



139, 173, 199



99, 90, 97



163, 0, 117



36, 0, 26

Previews

White Background



This preview shows how the RYB color 199, 139, 182 looks on a white background.

Color Contrast Check

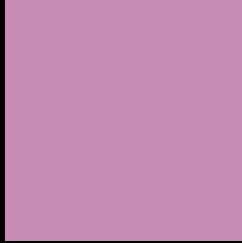
Large Text (above 18pt) WCAG AA × Fail

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 199, 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 199, 139, 182 Background



This preview shows how black text looks on a background with the RYB color 199, 139, 182.

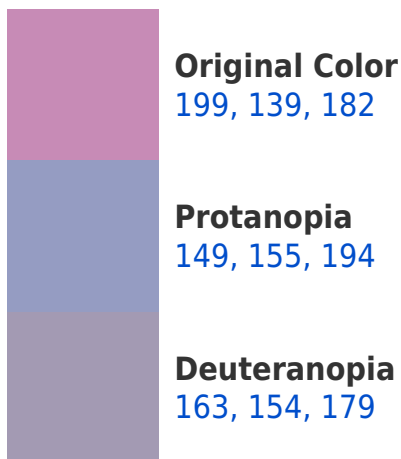


This preview shows how white text looks on a background with the RYB color 199, 139, 182.

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
196, 144, 155

Trichromacy



Original Color
199, 139, 182

Protanomaly
167, 150, 190

Deuteranomaly
176, 149, 180

Tritanomaly
197, 142, 165

Monochromacy



Original Color
199, 139, 182

Achromatopsia
162, 162, 162

Achromatomaly
175, 154, 169

CSS Examples

Text

The CSS property to change the color of the text to RYB 199, 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(199, 139, 182)` looks like.

```
.text, #text, p{  
    color:rgb(199, 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(199, 139, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 139, 182) }
```

Border

The CSS property to change the border of an element to RYB 199, 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(199, 139, 182) }
```

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

```
.border{ border-color:rgb(199, 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(199, 139, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 139, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 139, 182);  
box-shadow:4px 4px 4px 4px rgb(199, 139,  
182) }
```

Background

The CSS property to change the background color of an element to RYB 199, 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(199, 139, 182) }
```

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

```
.background{ background-color: rgb(199,  
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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