

Converting Colors

`RYB(199, 139, 164)`

Have a look what the booklet for RYB(199, 139, 164) contains.

RYB(199, 139, 164)	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(199, 139, 164)

Conversions

Conversions Part 1

Format	Color
Hex	C78BA4
RGB	199, 139, 164
RGB Percent	78%, 55%, 64%
CMY	0.2196, 0.4549, 0.3569
CMYK	0.00, 0.30, 0.18, 0.22
HSL	335°, 35%, 66%
HSV	335°, 30%, 78%
XYZ	39.4866, 33.2877, 39.4660
YIQ	159.7900, 27.7350, 20.4950

Conversions

Conversions Part 2

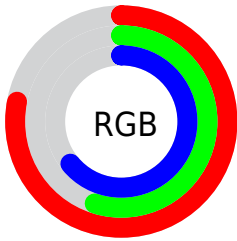
Format	Color
R _Y B	199, 139, 164
Decimal	13077412
CIE Lab	64.39, 26.56, -3.99
CIE LCh	64, 26.860, 351.456
Yxy	33.2877, 0.3518, 0.2966
Android (android.graphics.Color)	4291267492 (0xFFC78BA4)
YUV	159.7900, 2.0755, 34.3872
Hunter-Lab	57.6955, 21.1979, -0.1698

Details

The RYB color **199, 139, 164** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **139, 177, 199**, and the grayscale version is **160, 160, 160**.

A 20% lighter version of the original color is **255, 193, 219**, and **144, 88, 112** is the 20% darker color. If you saturate the color by 10%, you get **199, 119, 152**, and if you desaturate by 10%, it is **199, 159, 176**.

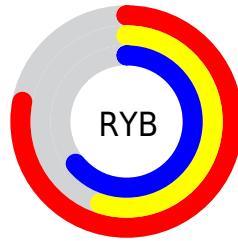
Distribution



Red (78%)

Green (55%)

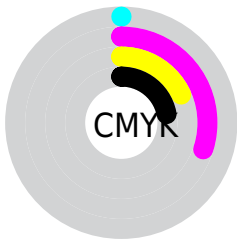
Blue (64%)



Red (78%)

Yellow (55%)

Blue (64%)

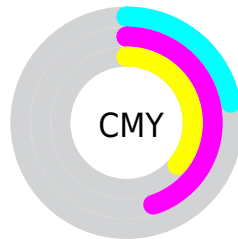


Cyan (0%)

Magenta (30%)

Yellow (18%)

Black (22%)



Cyan (22%)

Magenta (45%)

Yellow (36%)


Brightness & Saturation Gradients

These gradients show how the RYB color 199, 139, 164 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, 164 by changing the saturation by 10% instead.

 199, 139, 164


255, 255, 255

 255, 193, 219

 255, 221, 247

 255, 250, 255

 199, 139, 164

 171, 113, 138

 144, 88, 112

 118, 64, 88

 92, 41, 65

 67, 18, 43

 44, 0, 22

 6, 0, 0

 0, 0, 0

 199, 139, 164

 199, 139, 164

 199, 119, 152

 199, 159, 176

 199, 99, 141

 199, 179, 187

 199, 79, 129

 199, 199, 199

 199, 59, 118

 199, 212, 219

 199, 39, 106

 199, 224, 239

 199, 20, 94

 199, 233, 255

 199, 0, 83

 199, 230, 255

 199, 227, 255

Harmonies

Analogous

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



180, 144, 186



199, 139, 164



204, 139, 140

Triad

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



199, 139, 164



111, 160, 116



87, 132, 193

Complementary

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



199, 139, 164



139, 177, 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.



82, 126, 173



199, 139, 164



126, 166, 164

Square

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



199, 139, 164



155, 180, 109



101, 141, 169



115, 145, 203

Rectangle

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



199, 139, 164



201, 147, 125



101, 141, 169



83, 130, 187

Sweetspot

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



199, 139, 164



255, 232, 242



174, 139, 199



128, 113, 119



0, 0, 0



128, 128, 128

Same Dimension

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



199, 139, 164



255, 163, 201



199, 144, 139



99, 90, 94



163, 0, 68



36, 0, 15

Inverse Universe

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



199, 139, 164



255, 163, 201



139, 168, 199



99, 90, 94



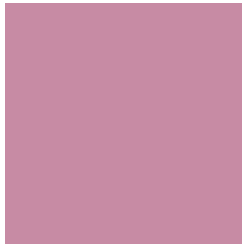
163, 0, 68



36, 0, 15

Previews

White Background



This preview shows how the RYB color 199, 139, 164 looks on a white background.

Color Contrast Check

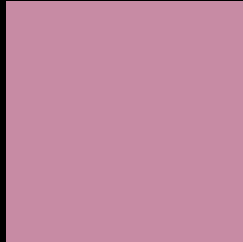
Large Text (above 18pt) WCAG AA × Fail

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, 164 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

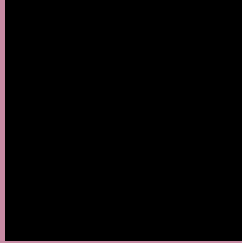
Any Text WCAG AA ✓ Pass

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, 164 Background



This preview shows how black text looks on a background with the RYB color 199, 139, 164.



This preview shows how white text looks on a background with the RYB color 199, 139, 164.

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



Original Color
199, 139, 164

Protanopia
154, 155, 174

Deuteranopia
169, 152, 162



Tritanopia
198, 141, 152

Trichromacy



Original Color
199, 139, 164

Protanomaly
170, 149, 170

Deuteranomaly
180, 147, 163

Tritanomaly
198, 140, 156

Monochromacy



Original Color
199, 139, 164

Achromatopsia
160, 160, 160

Achromatomaly
174, 152, 161

CSS Examples

Text

The CSS property to change the color of the text to RYB 199, 139, 164 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, 164)` looks like.

```
.text, #text, p{  
    color:rgb(199, 139, 164)  
}
```

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, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 139, 164) }
```

Border

The CSS property to change the border of an element to RYB 199, 139, 164 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, 164) }
```

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

```
.border{ border-color:rgb(199, 139, 164) }
```

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, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 139, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 139, 164);  
box-shadow:4px 4px 4px 4px rgb(199, 139,  
164) }
```

Background

The CSS property to change the background color of an element to RYB 199, 139, 164 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, 164) }
```

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

```
.background{ background-color: rgb(199,  
139, 164) }
```

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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