

Converting Colors

`RYB(199, 137, 169)`

Have a look what the booklet for
RYB(199, 137, 169) contains.

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Color

R_YB(199, 137, 169)

Conversions

Conversions Part 1

Format	Color
Hex	C789A9
RGB	199, 137, 169
RGB Percent	78%, 54%, 66%
CMY	0.2196, 0.4627, 0.3373
CMYK	0.00, 0.31, 0.15, 0.22
HSL	329°, 36%, 66%
HSV	329°, 31%, 78%
XYZ	39.6603, 32.8980, 41.7957
YIQ	159.1860, 26.6800, 23.0960

Conversions

Conversions Part 2

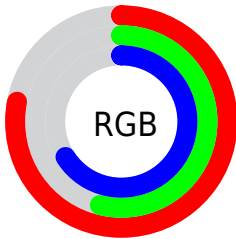
Format	Color
R_{YB}	199, 137, 169
Decimal	13076905
CIE _{Lab}	64.08, 28.47, -7.29
CIE _{LCh}	64, 29.383, 345.643
Yxy	32.8980, 0.3468, 0.2877
Android (android.graphics.Color)	4291266985 (0xFFC789A9)
YUV	159.1860, 4.8383, 34.9169
Hunter-Lab	57.3568, 23.0524, -3.0547

Details

The RYB color **199, 137, 169** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **137, 179, 199**, and the grayscale version is **159, 159, 159**.

A 20% lighter version of the original color is **255, 191, 224**, and **144, 86, 117** is the 20% darker color. If you saturate the color by 10%, you get **199, 117, 159**, and if you desaturate by 10%, it is **199, 157, 179**.

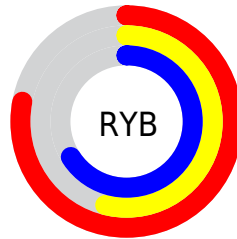
Distribution



Red (78%)

Green (54%)

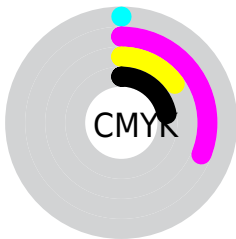
Blue (66%)



Red (78%)

Yellow (54%)

Blue (66%)

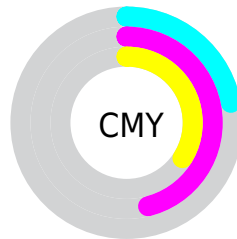


Cyan (0%)

Magenta (31%)

Yellow (15%)

Black (22%)



Cyan (22%)

Magenta (46%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the RYB color 199, 137, 169 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, 137, 169 by changing the saturation by 10% instead.

 199, 137, 169

255, 255, 255

 255, 191, 224

 255, 219, 253

 255, 248, 255

 199, 137, 169

 171, 111, 143

 144, 86, 117

 118, 62, 92

 92, 39, 69

 67, 15, 47

 44, 0, 26

 8, 0, 0

 0, 0, 0


 199, 137, 169

 199, 137, 169

 199, 117, 159


 199, 157, 179

 199, 97, 150

 199, 177, 188

 199, 77, 140

 199, 197, 198

 199, 57, 130

 199, 211, 217

 199, 38, 121

 199, 225, 237

 199, 18, 111

 199, 236, 255

 199, 0, 103

 199, 233, 255

 199, 229, 255

 199, 227, 255

Harmonies

Analogous

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



176, 144, 192



199, 137, 169



208, 136, 142

Triad

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



199, 137, 169



106, 160, 104



72, 125, 192

Complementary

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



199, 137, 169



137, 179, 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.



73, 122, 170



199, 137, 169



118, 165, 153

Square

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



199, 137, 169



170, 185, 105



99, 143, 169



101, 139, 205

Rectangle

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



199, 137, 169



205, 142, 126



99, 143, 169



68, 122, 185

Sweetspot

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



199, 137, 169



255, 232, 244



167, 137, 199



128, 113, 121



0, 0, 0



128, 128, 128

Same Dimension

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



199, 137, 169



255, 161, 209



199, 137, 138



99, 90, 95



163, 0, 84



36, 0, 18

Inverse Universe

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



199, 137, 169



255, 161, 209



137, 168, 199



99, 90, 95



163, 0, 84



36, 0, 18

Previews

White Background



This preview shows how the RYB color 199, 137, 169 looks on a white background.

Color Contrast Check

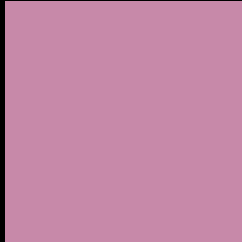
Large Text (above 18pt) WCAG AA × Fail

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, 137, 169 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, 137, 169 Background



This preview shows how black text looks on a background with the RYB color 199, 137, 169.



This preview shows how white text looks on a background with the RYB color 199, 137, 169.

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, 137, 169

Protanopia
151, 154, 180

Deuteranopia
166, 151, 166



Tritanopia
197, 140, 151

Trichromacy



Original Color
199, 137, 169

Protanomaly
168, 148, 176

Deuteranomaly
178, 146, 167

Tritanomaly
198, 139, 158

Monochromacy



Original Color
199, 137, 169

Achromatopsia
159, 159, 159

Achromatomaly
174, 151, 163

CSS Examples

Text

The CSS property to change the color of the text to RYB 199, 137, 169 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, 137, 169) looks like.

```
.text, #text, p{  
    color:rgb(199, 137, 169)  
}
```

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, 137, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 137, 169) }
```

Border

The CSS property to change the border of an element to RYB 199, 137, 169 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, 137, 169) }
```

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

```
.border{ border-color:rgb(199, 137, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 137, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 137, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 137, 169);  
box-shadow:4px 4px 4px 4px rgb(199, 137,  
169) }
```

Background

The CSS property to change the background color of an element to RYB 199, 137, 169 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 137, 169) }
```

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

```
.background{ background-color: rgb(199,  
137, 169) }
```

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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