

Converting Colors

`RYB(199, 167, 172)`

Have a look what the booklet for RYB(199, 167, 172) contains.

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Color

`RYB(199, 167, 172)`

Conversions

Conversions Part 1

Format	Color
Hex	C7A7AC
RGB	199, 167, 172
RGB Percent	78%, 65%, 67%
CMY	0.2196, 0.3451, 0.3255
CMYK	0.00, 0.16, 0.14, 0.22
HSL	351°, 22%, 72%
HSV	351°, 16%, 78%
XYZ	44.8183, 42.7581, 44.9207
YIQ	177.1380, 17.4670, 8.3390

Conversions

Conversions Part 2

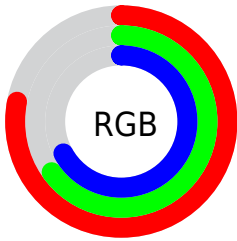
Format	Color
R _Y B	199, 167, 172
Decimal	13084588
CIE Lab	71.39, 12.49, 1.79
CIE LCh	71, 12.617, 8.136
Yxy	42.7581, 0.3383, 0.3227
Android (android.graphics.Color)	4291274668 (0xFFC7A7AC)
YUV	177.1380, -2.5330, 19.1730
Hunter-Lab	65.3897, 7.9125, 5.0424

Details

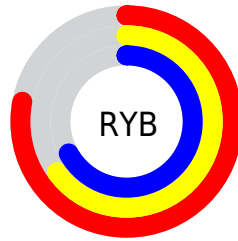
The RYB color **199, 167, 172** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **167, 184, 199**, and the grayscale version is **177, 177, 177**.

A 20% lighter version of the original color is **255, 222, 227**, and **145, 115, 120** is the 20% darker color. If you saturate the color by 10%, you get **199, 147, 155**, and if you desaturate by 10%, it is **199, 187, 189**.

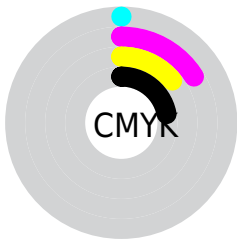
Distribution



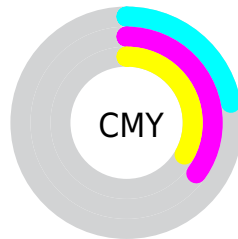
- Red (78%)
- Green (65%)
- Blue (67%)



- Red (78%)
- Yellow (65%)
- Blue (67%)



- Cyan (0%)
- Magenta (16%)
- Yellow (14%)
- Black (22%)



- Cyan (22%)
- Magenta (35%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the RYB color 199, 167, 172 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, 167, 172 by changing the saturation by 10% instead.


 199, 167, 172

255, 255, 255


 255, 222, 227

 255, 251, 255

 199, 167, 172


 172, 141, 145

 145, 115, 120

 119, 90, 95

 94, 67, 71


 70, 44, 49


 47, 23, 28

 29, 0, 1


 0, 0, 0

 199, 167, 172


 199, 167, 172

 199, 147, 155

 199, 187, 189

 199, 127, 138

 199, 203, 207

 199, 107, 122

 199, 214, 227

 199, 87, 105

 199, 225, 247

 199, 68, 88

 199, 227, 255

 199, 48, 71

 199, 28, 54

 199, 8, 38

 199, 0, 31

Harmonies

Analogous

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



193, 168, 184



199, 167, 172



199, 170, 161

Triad

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



199, 167, 172



157, 178, 167



153, 169, 196

Complementary

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



199, 167, 172



167, 184, 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.



146, 165, 189



199, 167, 172



155, 173, 181

Square

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



199, 167, 172



160, 181, 152



147, 166, 182



166, 173, 197

Rectangle

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



199, 167, 172



195, 178, 156



147, 166, 182



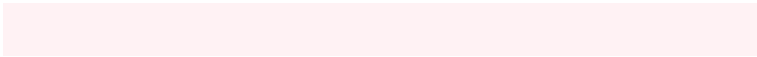
150, 167, 194

Sweetspot

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



199, 167, 172



255, 242, 244



194, 167, 199



128, 120, 121



0, 0, 0



128, 128, 128

Same Dimension

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



199, 167, 172



255, 207, 214



199, 184, 167



99, 90, 91



163, 0, 26



36, 0, 6

Inverse Universe

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



199, 167, 172



255, 207, 214



167, 180, 199



99, 90, 91



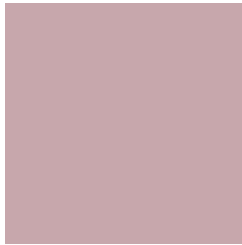
163, 0, 26



36, 0, 6

Previews

White Background



This preview shows how the RYB color 199, 167, 172 looks on a white background.

Color Contrast Check

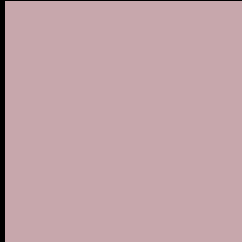
Large Text (above 18pt) WCAG AA × Fail

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, 167, 172 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, 167, 172 Background



This preview shows how black text looks on a background with the RYB color 199, 167, 172.



This preview shows how white text looks on a background with the RYB color 199, 167, 172.

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, 167, 172

Protanopia
178, 174, 176

Deuteranopia
193, 169, 172



Tritanopia
200, 166, 179

Trichromacy



Original Color
199, 167, 172

Protanomaly
186, 171, 175

Deuteranomaly
195, 168, 172

Tritanomaly
200, 166, 176

Monochromacy



Original Color
199, 167, 172

Achromatopsia
177, 177, 177

Achromatomaly
185, 173, 175

CSS Examples

Text

The CSS property to change the color of the text to RYB 199, 167, 172 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, 167, 172) looks like.

```
.text, #text, p{  
    color:rgb(199, 167, 172)  
}
```

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, 167, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 167, 172) }
```

Border

The CSS property to change the border of an element to RYB 199, 167, 172 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, 167, 172) }
```

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

```
.border{ border-color:rgb(199, 167, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 167, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 167, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 167, 172);  
box-shadow:4px 4px 4px 4px rgb(199, 167,  
172) }
```

Background

The CSS property to change the background color of an element to RYB 199, 167, 172 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 167, 172) }
```

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

```
.background{ background-color: rgb(199,  
167, 172) }
```

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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