

Converting Colors

`RYB(195, 171, 185)`

Have a look what the booklet for RYB(195, 171, 185) contains.

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Color

$\text{RYB}(195, 171, 185)$

Conversions

Conversions Part 1

Format	Color
Hex	C3ABB9
RGB	195, 171, 185
RGB Percent	76%, 67%, 73%
CMY	0.2353, 0.3294, 0.2745
CMYK	0.00, 0.12, 0.05, 0.24
HSL	325°, 17%, 72%
HSV	325°, 12%, 76%
XYZ	45.8255, 44.2307, 52.0211
YIQ	179.7720, 9.8100, 9.4420

Conversions

Conversions Part 2

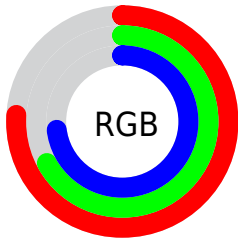
Format	Color
RYB	195, 171, 185
Decimal	12823481
CIELab	72.38, 11.11, -3.97
CIElCh	72, 11.795, 340.340
Yxy	44.2307, 0.3225, 0.3113
Android (android.graphics.Color)	4291013561 (0xFFC3ABB9)
YUV	179.7720, 2.5774, 13.3550
Hunter-Lab	66.5062, 6.6082, 0.1777

Details

The RYB color **195, 171, 185** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **171, 188, 195**, and the grayscale version is **180, 180, 180**.

A 20% lighter version of the original color is **252, 226, 241**, and **141, 119, 132** is the 20% darker color. If you saturate the color by 10%, you get **195, 152, 177**, and if you desaturate by 10%, it is **195, 190, 193**.

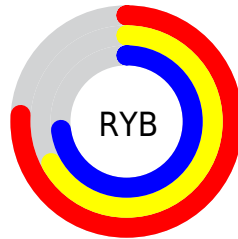
Distribution



Red (76%)

Green (67%)

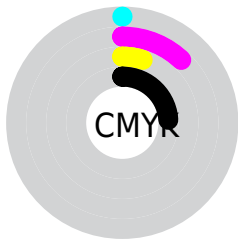
Blue (73%)



Red (76%)

Yellow (67%)

Blue (73%)

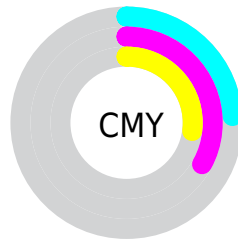


Cyan (0%)

Magenta (12%)

Yellow (5%)

Black (24%)



Cyan (24%)

Magenta (33%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the RYB color 195, 171, 185 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 195, 171, 185 by changing the saturation by 10% instead.


 195, 171, 185

255, 255, 255


 252, 226, 241

 195, 171, 185

 168, 144, 158

 141, 119, 132

 116, 94, 107

 91, 70, 83

 67, 48, 60

 45, 27, 38

 26, 0, 17

 0, 0, 0

 195, 171, 185

 195, 171, 185

195, 152, 177

195, 190, 193

195, 132, 169

195, 206, 210

195, 112, 161

195, 220, 230

195, 93, 152

195, 233, 249

195, 74, 144

195, 235, 255

195, 54, 136

195, 231, 255

195, 35, 128

195, 229, 255

195, 15, 120

195, 226, 255

195, 0, 114

195, 225, 255

Harmonies

Analogous

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



184, 174, 194



195, 171, 185



200, 170, 174

Triad

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



195, 171, 185



161, 182, 156



151, 169, 191

Complementary

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



195, 171, 185



171, 188, 195

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.



151, 168, 184



195, 171, 185



161, 181, 172

Square

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



195, 171, 185



193, 187, 158



159, 175, 183



158, 172, 197

Rectangle

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



195, 171, 185



201, 172, 167



159, 175, 183



150, 168, 188

Sweetspot

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



195, 171, 185



252, 242, 248



181, 171, 195



128, 121, 125



0, 0, 0



128, 128, 128

Same Dimension

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



195, 171, 185



252, 215, 237



195, 171, 173



97, 87, 93



161, 0, 94



33, 0, 19

Inverse Universe

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



195, 171, 185



252, 215, 237



171, 184, 195



97, 87, 93



161, 0, 94



33, 0, 19

Previews

White Background



This preview shows how the RYB color 195, 171, 185 looks on a white background.

Color Contrast Check

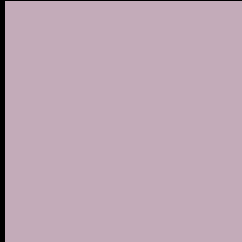
Large Text (above 18pt) WCAG AA × Fail

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 195, 171, 185 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

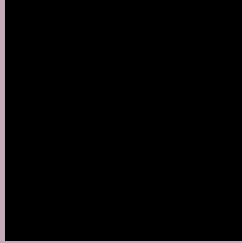
Any Text WCAG AA ✓ Pass

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 195, 171, 185 Background



This preview shows how black text looks on a background with the RYB color 195, 171, 185.



This preview shows how white text looks on a background with the RYB color 195, 171, 185.

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
195, 171, 185

Protanopia
178, 177, 188

Deuteranopia
192, 172, 185



Tritanopia
195, 171, 184

Trichromacy



Original Color

195, 171, 185

Protanomaly

184, 175, 187

Deuteranomaly

193, 172, 185

Tritanomaly

195, 171, 184

Monochromacy



Original Color

195, 171, 185

Achromatopsia

180, 180, 180

Achromatomaly

185, 177, 182

CSS Examples

Text

The CSS property to change the color of the text to RYB 195, 171, 185 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(195, 171, 185)` looks like.

```
.text, #text, p{  
    color:rgb(195, 171, 185)  
}
```

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(195, 171, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 171, 185) }
```

Border

The CSS property to change the border of an element to RYB 195, 171, 185 is called "border". The border property can be set on classes, ids or directly on the HTML element.

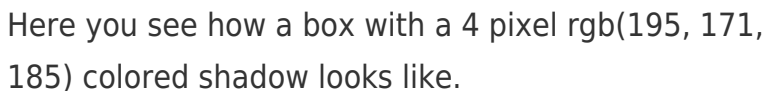
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(195, 171, 185) }
```

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

```
.border{ border-color:rgb(195, 171, 185) }
```

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



Here you see how a box with a 4 pixel `rgb(195, 171, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(195, 171, 185); -webkit-box-shadow:4px 4px 4px 4px rgb(195, 171, 185); box-shadow:4px 4px 4px 4px rgb(195, 171, 185) }
```

Background

The CSS property to change the background color of an element to RYB 195, 171, 185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 171, 185) }
```

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

```
.background{ background-color: rgb(195,  
171, 185) }
```

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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