

Converting Colors

`RYB(194, 171, 192)`

Have a look what the booklet for RYB(194, 171, 192) contains.

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Color

R_YB(194, 171, 192)

Conversions

Conversions Part 1

Format	Color
Hex	C2ABC0
RGB	194, 171, 192
RGB Percent	76%, 67%, 75%
CMY	0.2392, 0.3294, 0.2471
CMYK	0.00, 0.12, 0.01, 0.24
HSL	305°, 16%, 72%
HSV	305°, 12%, 76%
XYZ	46.3255, 44.4009, 55.9978
YIQ	180.2710, 6.9670, 11.4070

Conversions

Conversions Part 2

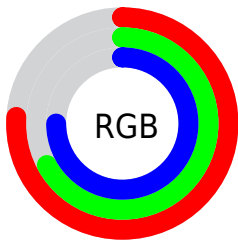
Format	Color
RYB	194, 171, 192
Decimal	12757952
CIELab	72.50, 12.04, -7.66
CIELCh	72, 14.270, 327.536
Yxy	44.4009, 0.3157, 0.3026
Android (android.graphics.Color)	4290948032 (0xFFC2ABC0)
YUV	180.2710, 5.7824, 12.0403
Hunter-Lab	66.6340, 7.4877, -3.1822

Details

The RYB color **194, 171, 192** is a light color, and the websafe version is hex **999999**. A complement of this color would be **171, 192, 194**, and the grayscale version is **180, 180, 180**.

A 20% lighter version of the original color is **251, 226, 248**, and **140, 119, 139** is the 20% darker color. If you saturate the color by 10%, you get **194, 152, 190**, and if you desaturate by 10%, it is **194, 190, 194**.

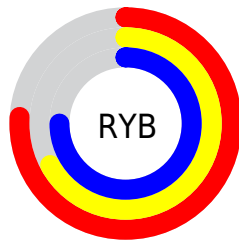
Distribution



Red (76%)

Green (67%)

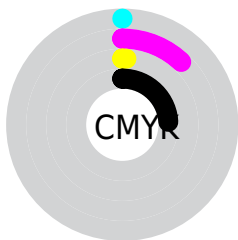
Blue (75%)



Red (76%)

Yellow (67%)

Blue (75%)

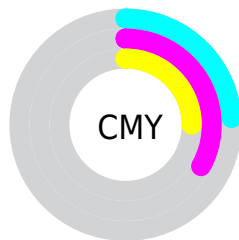


Cyan (0%)

Magenta (12%)

Yellow (1%)

Black (24%)



Cyan (24%)

Magenta (33%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the RYB color 194, 171, 192 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 194, 171, 192 by changing the saturation by 10% instead.


 194, 171, 192

255, 255, 255


 251, 226, 248

 194, 171, 192

 167, 144, 165

 140, 119, 139

 115, 94, 113


 90, 70, 89


 66, 48, 65

 44, 27, 43

 25, 0, 23

 0, 0, 0

 194, 171, 192

 194, 171, 192

194, 152, 190

194, 190, 194

194, 132, 189

194, 209, 210

194, 113, 187

194, 226, 229

194, 93, 185

194, 244, 249

194, 74, 184

194, 250, 255

194, 55, 182

194, 248, 255

194, 35, 180

194, 246, 255

194, 16, 179

194, 246, 255

194, 0, 177

194, 244, 255

Harmonies

Analogous

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



179, 175, 201



194, 171, 192



203, 169, 179

Triad

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



194, 171, 192



172, 190, 152



144, 165, 189

Complementary

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



194, 171, 192



171, 192, 194

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.



149, 170, 185



194, 171, 192



155, 181, 161

Square

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



194, 171, 192



200, 181, 156



160, 181, 184



149, 169, 199

Rectangle

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



194, 171, 192



206, 169, 170



160, 181, 184



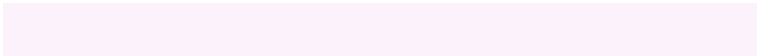
145, 165, 185

Sweetspot

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



194, 171, 192



252, 242, 252



173, 171, 194



128, 121, 127



0, 0, 0



128, 128, 128

Same Dimension

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



194, 171, 192



252, 217, 249



194, 171, 181



97, 87, 96



161, 0, 147



33, 0, 30

Inverse Universe

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



194, 171, 192



252, 217, 249



171, 186, 194



97, 87, 96



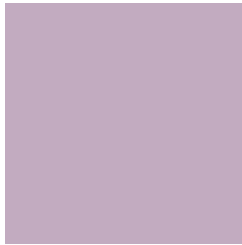
161, 0, 147



33, 0, 30

Previews

White Background



This preview shows how the RYB color 194, 171, 192 looks on a white background.

Color Contrast Check

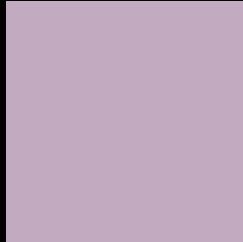
Large Text (above 18pt) WCAG AA × Fail

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 194, 171, 192 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

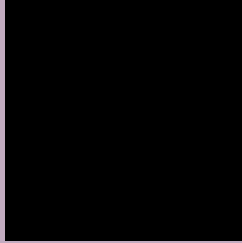
Any Text WCAG AA ✓ Pass

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 194, 171, 192 Background



This preview shows how black text looks on a background with the RYB color 194, 171, 192.



This preview shows how white text looks on a background with the RYB color 194, 171, 192.

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
194, 171, 192

Protanopia
176, 177, 196

Deuteranopia
189, 173, 192



Tritanopia
193, 172, 186

Trichromacy



Original Color

194, 171, 192

Protanomaly

183, 175, 195

Deuteranomaly

191, 172, 192

Tritanomaly

193, 172, 188

Monochromacy



Original Color

194, 171, 192

Achromatopsia

180, 180, 180

Achromatomaly

185, 177, 184

CSS Examples

Text

The CSS property to change the color of the text to RYB 194, 171, 192 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(194, 171, 192)` looks like.

```
.text, #text, p{  
    color:rgb(194, 171, 192)  
}
```

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(194, 171, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 171, 192) }
```

Border

The CSS property to change the border of an element to RYB 194, 171, 192 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(194, 171, 192) }
```

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

```
.border{ border-color:rgb(194, 171, 192) }
```

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

Here you see how a box with a 4 pixel rgb(194, 171, 192) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 171, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 171, 192);  
box-shadow:4px 4px 4px 4px rgb(194, 171,  
192) }
```

Background

The CSS property to change the background color of an element to RYB 194, 171, 192 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 171, 192) }
```

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

```
.background{ background-color: rgb(194,  
171, 192) }
```

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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