

Converting Colors

`RYB(171, 152, 170)`

Have a look what the booklet for
RYB(171, 152, 170) contains.

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Color

R_YB(171, 152, 170)

Conversions

Conversions Part 1

Format	Color
Hex	AB98AA
RGB	171, 152, 170
RGB Percent	67%, 60%, 67%
CMY	0.3294, 0.4039, 0.3333
CMYK	0.00, 0.11, 0.01, 0.33
HSL	303°, 10%, 63%
HSV	303°, 11%, 67%
XYZ	35.2785, 34.0167, 42.7367
YIQ	159.7330, 5.5460, 9.6260

Conversions

Conversions Part 2

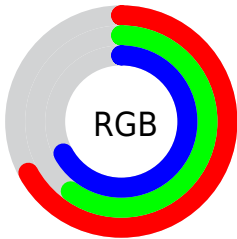
Format	Color
RYB	171, 152, 170
Decimal	11245738
CIELab	64.98, 10.30, -6.82
CIELCh	65, 12.351, 326.477
Yxy	34.0167, 0.3149, 0.3036
Android (android.graphics.Color)	4289435818 (0xFFAB98AA)
YUV	159.7330, 5.0616, 9.8812
Hunter-Lab	58.3238, 5.9032, -2.6180

Details

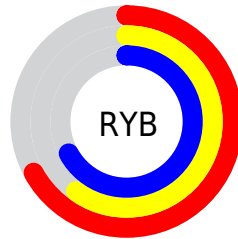
The RYB color **171, 152, 170** is a light color, and the websafe version is hex **999999**. A complement of this color would be **152, 170, 171**, and the grayscale version is **160, 160, 160**.

A 20% lighter version of the original color is **226, 206, 225**, and **119, 101, 118** is the 20% darker color. If you saturate the color by 10%, you get **171, 135, 169**, and if you desaturate by 10%, it is **171, 169, 171**.

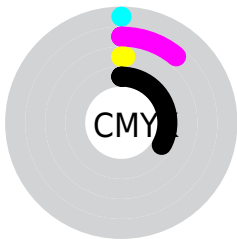
Distribution



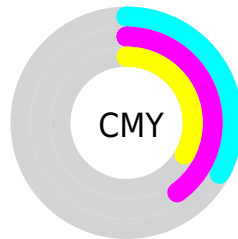
- Red (67%)
- Green (60%)
- Blue (67%)



- Red (67%)
- Yellow (60%)
- Blue (67%)



- Cyan (0%)
- Magenta (11%)
- Yellow (1%)
- Black (33%)



- Cyan (33%)
- Magenta (40%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the RYB color 171, 152, 170 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 171, 152, 170 by changing the saturation by 10% instead.

 171, 152, 170

255, 255, 255

 226, 206, 225

 255, 235, 254

 171, 152, 170

 144, 126, 144

 119, 101, 118


 94, 77, 93

 70, 54, 70


 48, 33, 47

 27, 11, 27


 0, 0, 0


 171, 152, 170


 171, 135, 169


 171, 152, 170


 171, 169, 171

 171, 118, 168


 171, 185, 186

 171, 101, 167


 171, 201, 203

 171, 84, 166


 171, 217, 220


 171, 66, 166


 171, 234, 237

 171, 49, 165


 171, 251, 255

 171, 32, 164

 171, 250, 255

 171, 15, 163

 171, 249, 255

 171, 0, 162

 171, 249, 255

Harmonies

Analogous

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



158, 155, 177



171, 152, 170



179, 150, 159

Triad

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



171, 152, 170



155, 168, 136



129, 147, 167

Complementary

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



171, 152, 170



152, 170, 171

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.



133, 151, 164



171, 152, 170



138, 160, 142

Square

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



171, 152, 170



177, 160, 140



143, 161, 163



133, 150, 176

Rectangle

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



171, 152, 170



181, 150, 152



143, 161, 163



130, 147, 164

Sweetspot

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



171, 152, 170



222, 215, 221



153, 152, 171



112, 108, 112



240, 240, 240



112, 112, 112

Same Dimension

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



171, 152, 170



222, 193, 220



171, 152, 161



87, 78, 86



150, 0, 143



23, 0, 22

Inverse Universe

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



171, 152, 170



222, 193, 220



152, 164, 171



87, 78, 86



150, 0, 143



23, 0, 22

Previews

White Background



This preview shows how the RYB color 171, 152, 170 looks on a white background.

Color Contrast Check

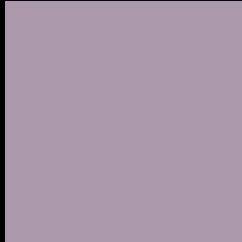
Large Text (above 18pt) WCAG AA × Fail

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 171, 152, 170 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

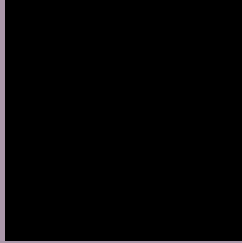
Any Text WCAG AA ✓ Pass

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 171, 152, 170 Background



This preview shows how black text looks on a background with the RYB color 171, 152, 170.



This preview shows how white text looks on a background with the RYB color 171, 152, 170.

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
171, 152, 170

Protanopia
156, 157, 173

Deuteranopia
168, 153, 170



Tritanopia
170, 153, 165

Trichromacy



Original Color

171, 152, 170

Protanomaly

161, 155, 172

Deuteranomaly

169, 153, 170

Tritanomaly

170, 153, 167

Monochromacy



Original Color

171, 152, 170

Achromatopsia

160, 160, 160

Achromatomaly

164, 157, 164

CSS Examples

Text

The CSS property to change the color of the text to RYB 171, 152, 170 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(171, 152, 170)` looks like.

```
.text, #text, p{  
    color:rgb(171, 152, 170)  
}
```

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(171, 152, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 152, 170) }
```

Border

The CSS property to change the border of an element to RYB 171, 152, 170 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(171, 152, 170) }
```

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

```
.border{ border-color:rgb(171, 152, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 152, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 152, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 152, 170);  
box-shadow:4px 4px 4px 4px rgb(171, 152,  
170) }
```

Background

The CSS property to change the background color of an element to RYB 171, 152, 170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 152, 170) }
```

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

```
.background{ background-color: rgb(171,  
152, 170) }
```

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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