

Converting Colors

`RYB(170, 152, 195)`

Have a look what the booklet for
RYB(170, 152, 195) contains.

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Color

R_YB(170, 152, 195)

Conversions

Conversions Part 1

Format	Color
Hex	AA98C3
RGB	170, 152, 195
RGB Percent	67%, 60%, 76%
CMY	0.3333, 0.4039, 0.2353
CMYK	0.13, 0.22, 0.00, 0.24
HSL	265°, 26%, 68%
HSV	265°, 22%, 76%
XYZ	37.6561, 34.9427, 56.3897
YIQ	162.2840, -3.0750, 17.1890

Conversions

Conversions Part 2

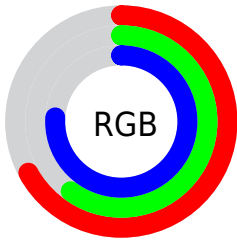
Format	Color
RYB	170, 152, 195
Decimal	11180227
CIELab	65.70, 15.06, -19.74
CIELCh	66, 24.828, 307.329
Yxy	34.9427, 0.2919, 0.2709
Android (android.graphics.Color)	4289370307 (0xFFAA98C3)
YUV	162.2840, 16.1290, 6.7669
Hunter-Lab	59.1123, 10.2627, -15.1806

Details

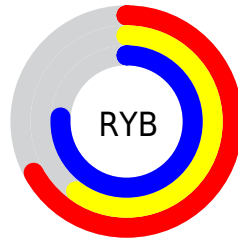
The RYB color **170, 152, 195** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **152, 195, 170**, and the grayscale version is **162, 162, 162**.

A 20% lighter version of the original color is **226, 206, 252**, and **117, 101, 141** is the 20% darker color. If you saturate the color by 10%, you get **159, 133, 195**, and if you desaturate by 10%, it is **181, 171, 195**.

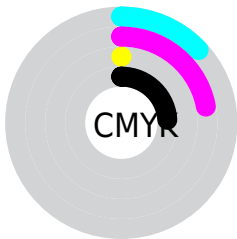
Distribution



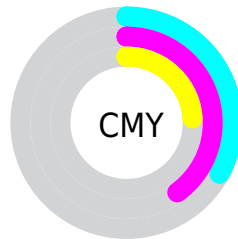
- Red (67%)
- Green (60%)
- Blue (76%)



- Red (67%)
- Yellow (60%)
- Blue (76%)



- Cyan (13%)
- Magenta (22%)
- Yellow (0%)
- Black (24%)




- Cyan (33%)
- Magenta (40%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the RYB color 170, 152, 195 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 170, 152, 195 by changing the saturation by 10% instead.


 170, 152, 195


255, 255, 255

 226, 206, 252


 254, 235, 255

 170, 152, 195

 143, 126, 168

 117, 101, 141

 92, 77, 116


 68, 54, 91


 45, 33, 67

 24, 11, 45

 0, 1, 24

 0, 0, 0

 170, 152, 195

 170, 152, 195

■ 159, 133, 195

■ 181, 171, 195

■ 147, 113, 195

■ 193, 191, 195

■ 136, 94, 195

■ 195, 210, 201

■ 125, 74, 195

■ 195, 230, 210

■ 113, 55, 195

■ 195, 250, 218

■ 102, 35, 195

■ 195, 255, 212

■ 91, 16, 195

■ 195, 255, 201

■ 82, 0, 195

■ 195, 255, 195

Harmonies

Analogous

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



140, 155, 203



170, 152, 195



193, 146, 177

Triad

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



170, 152, 195



190, 181, 119



99, 138, 172

Complementary

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



170, 152, 195



152, 195, 170

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.



120, 156, 171



170, 152, 195



127, 170, 115

Square

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



170, 152, 195



203, 149, 134



124, 166, 144



94, 136, 186

Rectangle

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



170, 152, 195



202, 144, 162



124, 166, 144



105, 143, 172

Sweetspot

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



170, 152, 195



242, 235, 252



152, 168, 195



122, 117, 128



0, 0, 0



128, 128, 128

Same Dimension

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



170, 152, 195



214, 187, 252



191, 152, 195



91, 87, 97



67, 0, 161



14, 0, 33

Inverse Universe

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



195, 152, 177



252, 187, 225



152, 195, 191



97, 87, 93



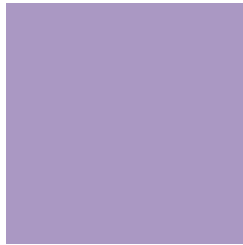
161, 0, 93



33, 0, 19

Previews

White Background



This preview shows how the RYB color 170, 152, 195 looks on a white background.

Color Contrast Check

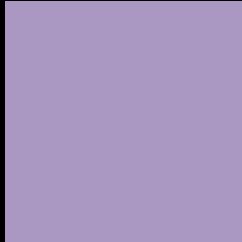
Large Text (above 18pt) WCAG AA × Fail

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 170, 152, 195 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

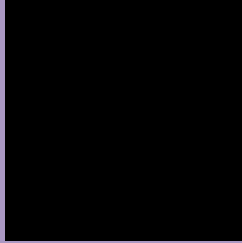
Any Text WCAG AA ✓ Pass

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 170, 152, 195 Background



This preview shows how black text looks on a background with the RYB color 170, 152, 195.



This preview shows how white text looks on a background with the RYB color 170, 152, 195.

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
170, 152, 195

Protanopia
150, 157, 199

Deuteranopia
158, 156, 194



Tritanopia

166, 157, 169

Trichromacy



Original Color

170, 152, 195

Protanomaly

157, 156, 198

Deuteranomaly

162, 155, 194

Tritanomaly

167, 155, 178

Monochromacy



Original Color

170, 152, 195

Achromatopsia

162, 162, 162

Achromatomaly

165, 158, 174

CSS Examples

Text

The CSS property to change the color of the text to RYB 170, 152, 195 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(170, 152, 195)` looks like.

```
.text, #text, p{  
    color:rgb(170, 152, 195)  
}
```

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(170, 152, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 152, 195) }
```

Border

The CSS property to change the border of an element to RYB 170, 152, 195 is called "border". The border property can be set on classes, ids or directly on the HTML element.

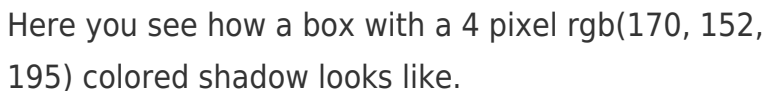
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(170, 152, 195) }
```

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

```
.border{ border-color:rgb(170, 152, 195) }
```

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



Here you see how a box with a 4 pixel `rgb(170, 152, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 152, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 152, 195);  
box-shadow:4px 4px 4px 4px rgb(170, 152,  
195) }
```

Background

The CSS property to change the background color of an element to RYB 170, 152, 195 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 152, 195) }
```

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

```
.background{ background-color: rgb(170,  
152, 195) }
```

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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