

Converting Colors

`RYB(170, 152, 205)`

Have a look what the booklet for
RYB(170, 152, 205) contains.

RYB(170, 152, 205)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(170, 152, 205)

Conversions

Conversions Part 1

Format	Color
Hex	AA98CD
RGB	170, 152, 205
RGB Percent	67%, 60%, 80%
CMY	0.3333, 0.4039, 0.1961
CMYK	0.17, 0.26, 0.00, 0.20
HSL	260°, 35%, 70%
HSV	260°, 26%, 80%
XYZ	38.8252, 35.4103, 62.5462
YIQ	163.4240, -6.2850, 20.2990

Conversions

Conversions Part 2

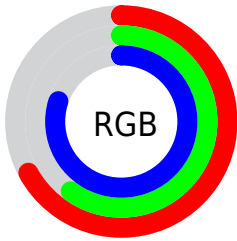
Format	Color
RYB	170, 152, 205
Decimal	11180237
CIELab	66.07, 17.25, -24.76
CIELCh	66, 30.179, 304.868
Yxy	35.4103, 0.2838, 0.2589
Android (android.graphics.Color)	4289370317 (0xFFAA98CD)
YUV	163.4240, 20.4970, 5.7672
Hunter-Lab	59.5066, 12.3264, -20.6640

Details

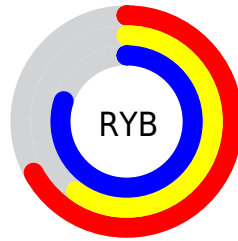
The RYB color **170, 152, 205** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **152, 205, 170**, and the grayscale version is **163, 163, 163**.

A 20% lighter version of the original color is **226, 206, 255**, and **117, 101, 151** is the 20% darker color. If you saturate the color by 10%, you get **156, 132, 205**, and if you desaturate by 10%, it is **184, 173, 205**.

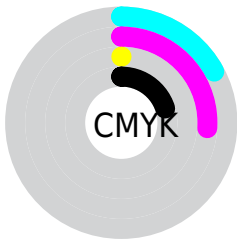
Distribution



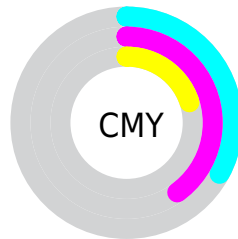
- Red (67%)
- Green (60%)
- Blue (80%)



- Red (67%)
- Yellow (60%)
- Blue (80%)



- Cyan (17%)
- Magenta (26%)
- Yellow (0%)
- Black (20%)




- Cyan (33%)
- Magenta (40%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the RYB color 170, 152, 205 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, 205 by changing the saturation by 10% instead.

 170, 152, 205

255, 255, 255

 226, 206, 255


 255, 235, 255

 170, 152, 205

 143, 126, 177

 117, 101, 151

 92, 77, 125

 68, 54, 99

 44, 33, 75


 22, 12, 52


 0, 2, 31

 0, 0, 2

 0, 0, 0

 170, 152, 205

 170, 152, 205

 156, 132, 205

 184, 173, 205

 143, 111, 205

 197, 193, 205

 129, 90, 205

 205, 214, 208

 116, 70, 205


 205, 234, 215

 102, 50, 205

 205, 255, 222

 89, 29, 205

 205, 255, 209

 75, 8, 205

 205, 255, 205

 70, 0, 205

Harmonies

Analogous

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



131, 154, 214



170, 152, 205



199, 144, 184

Triad

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



170, 152, 205



199, 183, 112



84, 132, 175

Complementary

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



170, 152, 205



152, 205, 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.



114, 156, 173



170, 152, 205



125, 175, 106

Square

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



170, 152, 205



212, 145, 131



115, 168, 137



70, 126, 191

Rectangle

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



170, 152, 205



210, 141, 166



115, 168, 137



93, 140, 175

Sweetspot

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



170, 152, 205



242, 235, 255



152, 173, 205



119, 115, 128



0, 0, 0



128, 128, 128

Same Dimension

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



170, 152, 205



203, 176, 255



196, 152, 205



95, 92, 102



56, 0, 166



13, 0, 38

Inverse Universe

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



205, 152, 187



255, 176, 228



152, 205, 196



102, 92, 99



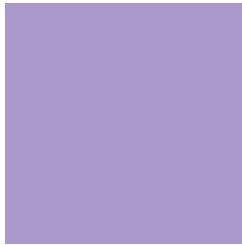
166, 0, 109



38, 0, 25

Previews

White Background



This preview shows how the RYB color 170, 152, 205 looks on a white background.

Color Contrast Check

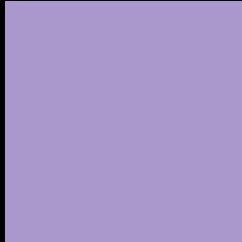
Large Text (above 18pt) WCAG AA × Fail

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, 205 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

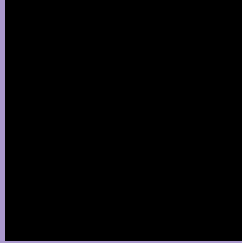
Any Text WCAG AA ✓ Pass

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, 205 Background



This preview shows how black text looks on a background with the RYB color 170, 152, 205.



This preview shows how white text looks on a background with the RYB color 170, 152, 205.

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, 205

Protanopia
147, 157, 210

Deuteranopia
154, 158, 204



Tritanopia

164, 158, 171

Trichromacy



Original Color
170, 152, 205

Protanomaly
155, 156, 208

Deuteranomaly
160, 156, 204

Tritanomaly
166, 156, 183

Monochromacy



Original Color
170, 152, 205

Achromatopsia
163, 163, 163

Achromatomaly
166, 159, 178

CSS Examples

Text

The CSS property to change the color of the text to RYB 170, 152, 205 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, 205)` looks like.

```
.text, #text, p{  
    color:rgb(170, 152, 205)  
}
```

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, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 152, 205) }
```

Border

The CSS property to change the border of an element to RYB 170, 152, 205 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, 205) }
```

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

```
.border{ border-color:rgb(170, 152, 205) }
```

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, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 152, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 152, 205);  
box-shadow:4px 4px 4px 4px rgb(170, 152,  
205) }
```

Background

The CSS property to change the background color of an element to RYB 170, 152, 205 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, 205) }
```

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

```
.background{ background-color: rgb(170,  
152, 205) }
```

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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