

Converting Colors

`RYB(174, 152, 222)`

Have a look what the booklet for
RYB(174, 152, 222) contains.

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Color

R_YB(174, 152, 222)

Conversions

Conversions Part 1

Format	Color
Hex	AE98DE
RGB	174, 152, 222
RGB Percent	68%, 60%, 87%
CMY	0.3176, 0.4039, 0.1294
CMYK	0.22, 0.32, 0.00, 0.13
HSL	259°, 51%, 73%
HSV	259°, 32%, 87%
XYZ	41.8686, 36.7291, 73.9899
YIQ	166.5580, -9.3580, 26.4340

Conversions

Conversions Part 2

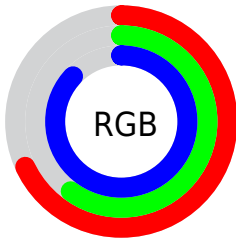
Format	Color
RYB	174, 152, 222
Decimal	11442398
CIELab	67.07, 22.37, -32.60
CIElCh	67, 39.538, 304.450
Yxy	36.7291, 0.2744, 0.2407
Android (android.graphics.Color)	4289632478 (0xFFAE98DE)
YUV	166.5580, 27.3329, 6.5266
Hunter-Lab	60.6045, 17.2588, -29.9619

Details

The RYB color **174, 152, 222** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **152, 222, 174**, and the grayscale version is **166, 166, 166**.

A 20% lighter version of the original color is **230, 206, 255**, and **120, 101, 167** is the 20% darker color. If you saturate the color by 10%, you get **159, 130, 222**, and if you desaturate by 10%, it is **189, 174, 222**.

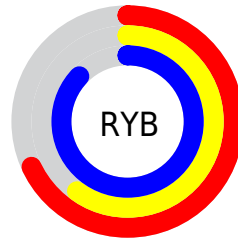
Distribution



Red (68%)

Green (60%)

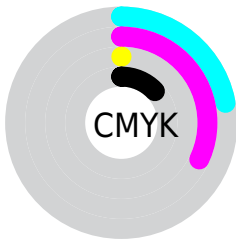
Blue (87%)



Red (68%)

Yellow (60%)

Blue (87%)

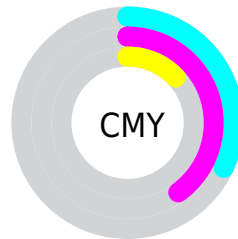


Cyan (22%)

Magenta (32%)

Yellow (0%)

Black (13%)



Cyan (32%)

Magenta (40%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the RYB color 174, 152, 222 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 174, 152, 222 by changing the saturation by 10% instead.


 174, 152, 222


255, 255, 255

 230, 206, 255

 255, 235, 255

 174, 152, 222

 147, 126, 194

 120, 101, 167

 95, 77, 140

 69, 54, 114


 45, 32, 89

 20, 12, 66


 0, 0, 43

 0, 1, 21

 0, 0, 0

 174, 152, 222


 174, 152, 222

 159, 130, 222


 189, 174, 222

 144, 108, 222

 204, 196, 222

 128, 85, 222

 220, 219, 222

 113, 63, 222


 222, 241, 228

 98, 41, 222

 222, 255, 227

 83, 19, 222

 222, 255, 222

 70, 0, 222

Harmonies

Analogous

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



118, 151, 234



174, 152, 222



212, 140, 195

Triad

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



174, 152, 222



211, 191, 100



39, 114, 182

Complementary

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



174, 152, 222



152, 222, 174

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.



99, 156, 179



174, 152, 222



114, 181, 91

Square

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



174, 152, 222



229, 141, 125



103, 173, 133



0, 95, 202

Rectangle

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



174, 152, 222



227, 136, 171



103, 173, 133



63, 130, 182

Sweetspot

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



174, 152, 222



239, 232, 255



152, 181, 222



118, 113, 128



0, 0, 0



128, 128, 128

Same Dimension

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



174, 152, 222



189, 158, 255



208, 152, 222



105, 101, 112



55, 0, 176



15, 0, 48

Inverse Universe

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



222, 152, 200



255, 158, 225



152, 222, 208



112, 101, 109



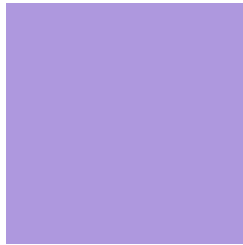
176, 0, 121



48, 0, 33

Previews

White Background



This preview shows how the RYB color 174, 152, 222 looks on a white background.

Color Contrast Check

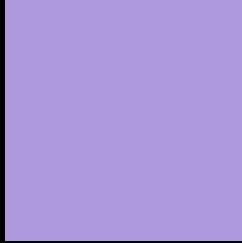
Large Text (above 18pt) WCAG AA × Fail

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 174, 152, 222 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

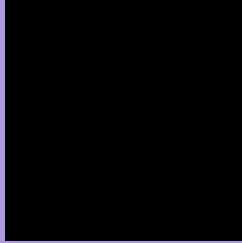
Any Text WCAG AA ✓ Pass

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 174, 152, 222 Background



This preview shows how black text looks on a background with the RYB color 174, 152, 222.



This preview shows how white text looks on a background with the RYB color 174, 152, 222.

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
174, 152, 222

Protanopia
142, 158, 229

Deuteranopia
147, 159, 220



Tritanopia
165, 161, 174

Trichromacy



Original Color
174, 152, 222

Protanomaly
154, 158, 226

Deuteranomaly
157, 158, 221

Tritanomaly
168, 158, 191

Monochromacy



Original Color
174, 152, 222

Achromatopsia
167, 167, 167

Achromatomaly
170, 162, 187

CSS Examples

Text

The CSS property to change the color of the text to RYB 174, 152, 222 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(174, 152, 222)` looks like.

```
.text, #text, p{  
    color:rgb(174, 152, 222)  
}
```

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(174, 152, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 152, 222) }
```

Border

The CSS property to change the border of an element to RYB 174, 152, 222 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(174, 152, 222) }
```

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

```
.border{ border-color:rgb(174, 152, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 152, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 152, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 152, 222);  
box-shadow:4px 4px 4px 4px rgb(174, 152,  
222) }
```

Background

The CSS property to change the background color of an element to RYB 174, 152, 222 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 152, 222) }
```

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

```
.background{ background-color: rgb(174,  
152, 222) }
```

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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