

Converting Colors

`RYB(175, 164, 222)`

Have a look what the booklet for RYB(175, 164, 222) contains.

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Color

R_YB(175, 164, 222)

Conversions

Conversions Part 1

Format	Color
Hex	AFA4DE
RGB	175, 164, 222
RGB Percent	69%, 64%, 87%
CMY	0.3137, 0.3569, 0.1294
CMYK	0.21, 0.26, 0.00, 0.13
HSL	251°, 47%, 76%
HSV	251°, 26%, 87%
XYZ	44.1395, 40.9388, 74.6828
YIQ	173.9010, -12.0620, 20.3700

Conversions

Conversions Part 2

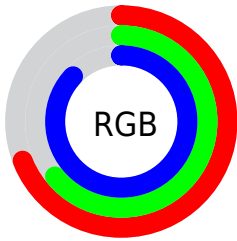
Format	Color
R _Y B	175, 164, 222
Decimal	11511006
CIE Lab	70.13, 15.93, -27.88
CIE LCh	70, 32.108, 299.754
Yxy	40.9388, 0.2763, 0.2563
Android (android.graphics.Color)	4289701086 (0xFFAFA4DE)
YUV	173.9010, 23.7128, 0.9638
Hunter-Lab	63.9834, 11.1686, -24.4161

Details

The RYB color **175, 164, 222** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **164, 222, 175**, and the grayscale version is **174, 174, 174**.

A 20% lighter version of the original color is **231, 219, 255**, and **122, 112, 167** is the 20% darker color. If you saturate the color by 10%, you get **157, 142, 222**, and if you desaturate by 10%, it is **193, 186, 222**.

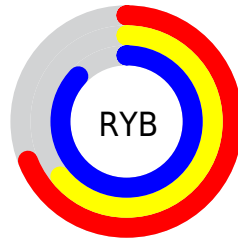
Distribution



Red (69%)

Green (64%)

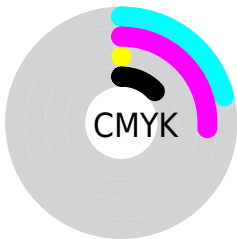
Blue (87%)



Red (69%)

Yellow (64%)

Blue (87%)

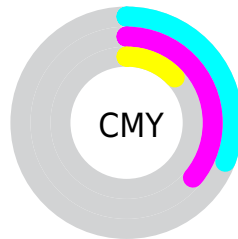


Cyan (21%)

Magenta (26%)

Yellow (0%)

Black (13%)



Cyan (31%)


Magenta (36%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the RYB color 175, 164, 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 175, 164, 222 by changing the saturation by 10% instead.


 175, 164, 222


255, 255, 255

 231, 219, 255

 255, 247, 255

 175, 164, 222


 148, 138, 194

 122, 112, 167

 96, 88, 140

 71, 64, 114

 47, 42, 90

 23, 22, 66

 4, 0, 44

 0, 1, 22

 0, 0, 0

■ 175, 164, 222

■ 175, 164, 222

■ 157, 142, 222

■ 193, 186, 222

■ 139, 120, 222

■ 211, 208, 222

■ 121, 97, 222

■ 222, 231, 224

■ 103, 75, 222

■ 222, 253, 228

■ 85, 53, 222

■ 222, 255, 222

■ 67, 31, 222

■ 49, 9, 222

■ 42, 0, 222

Harmonies

Analogous

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



132, 161, 229



175, 164, 222



208, 154, 201

Triad

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



175, 164, 222



216, 186, 122



93, 145, 187

Complementary

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



175, 164, 222



164, 222, 175

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.



127, 174, 185



175, 164, 222



143, 192, 113

Square

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



175, 164, 222



228, 153, 144



120, 178, 137



73, 133, 199

Rectangle

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



175, 164, 222



222, 150, 183



120, 178, 137



104, 154, 187

Sweetspot

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



175, 164, 222



238, 235, 255



164, 190, 222



117, 115, 128



0, 0, 0



128, 128, 128

Same Dimension

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



175, 164, 222



191, 176, 255



204, 164, 222



103, 101, 112



33, 0, 176



9, 0, 48

Inverse Universe

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



222, 164, 211



255, 176, 240



164, 222, 204



112, 101, 110



176, 0, 143



48, 0, 39

Previews

White Background



This preview shows how the RYB color 175, 164, 222 looks on a white background.

Color Contrast Check

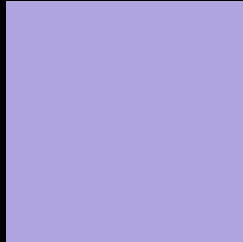
Large Text (above 18pt) WCAG AA × Fail

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 175, 164, 222 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

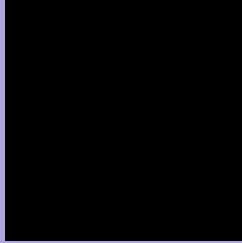
Any Text WCAG AA ✓ Pass

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 175, 164, 222 Background



This preview shows how black text looks on a background with the RYB color 175, 164, 222.



This preview shows how white text looks on a background with the RYB color 175, 164, 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
175, 164, 222

Protanopia
156, 167, 226

Deuteranopia
162, 167, 221



Tritanopia
168, 171, 185

Trichromacy



Original Color
175, 164, 222

Protanomaly
163, 167, 225

Deuteranomaly
167, 167, 221

Tritanomaly
171, 168, 198

Monochromacy



Original Color
175, 164, 222

Achromatopsia
174, 174, 174

Achromatomaly
174, 170, 191

CSS Examples

Text

The CSS property to change the color of the text to RYB 175, 164, 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(175, 164, 222)` looks like.

```
.text, #text, p{  
    color:rgb(175, 164, 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(175, 164, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 164, 222) }
```

Border

The CSS property to change the border of an element to RYB 175, 164, 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(175, 164, 222) }
```

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

```
.border{ border-color:rgb(175, 164, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 164, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 164, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 164, 222);  
box-shadow:4px 4px 4px 4px rgb(175, 164,  
222) }
```

Background

The CSS property to change the background color of an element to RYB 175, 164, 222 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 164, 222) }
```

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

```
.background{ background-color: rgb(175,  
164, 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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