

Converting Colors

`RYB(175, 126, 167)`

Have a look what the booklet for
RYB(175, 126, 167) contains.

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Color

R_YB(175, 126, 167)

Conversions

Conversions Part 1

Format	Color
Hex	AF7EA7
RGB	175, 126, 167
RGB Percent	69%, 49%, 65%
CMY	0.3137, 0.5059, 0.3451
CMYK	0.00, 0.28, 0.05, 0.31
HSL	310°, 23%, 59%
HSV	310°, 28%, 69%
XYZ	32.1151, 26.8257, 40.0444
YIQ	145.3250, 16.0430, 23.1390

Conversions

Conversions Part 2

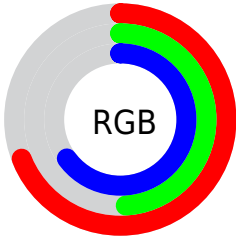
Format	Color
RYB	175, 126, 167
Decimal	11501223
CIELab	58.81, 25.78, -14.31
CIElCh	59, 29.486, 330.978
Yxy	26.8257, 0.3244, 0.2710
Android (android.graphics.Color)	4289691303 (0xFFAF7EA7)
YUV	145.3250, 10.6858, 26.0250
Hunter-Lab	51.7935, 20.0421, -9.5849

Details

The RYB color **175, 126, 167** is a light color, and the websafe version is hex **996699**. A complement of this color would be **126, 168, 175**, and the grayscale version is **145, 145, 145**.

A 20% lighter version of the original color is **231, 179, 222**, and **122, 76, 115** is the 20% darker color. If you saturate the color by 10%, you get **175, 109, 164**, and if you desaturate by 10%, it is **175, 144, 170**.

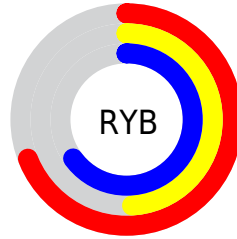
Distribution



Red (69%)

Green (49%)

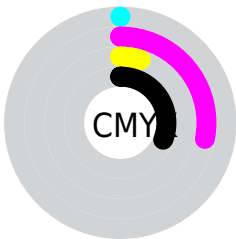
Blue (65%)



Red (69%)

Yellow (49%)

Blue (65%)

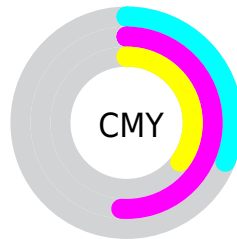


Cyan (0%)

Magenta (28%)

Yellow (5%)

Black (31%)



Cyan (31%)


Magenta (51%)

Yellow (35%)


Brightness & Saturation Gradients

These gradients show how the RYB color 175, 126, 167 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, 126, 167 by changing the saturation by 10% instead.

 175, 126, 167

255, 255, 255

 231, 179, 222


 255, 207, 251

 255, 235, 255

 175, 126, 167

 148, 101, 141

 122, 76, 115

 96, 53, 90

 72, 30, 67

 48, 7, 45


 29, 0, 24

 0, 0, 0

 175, 126, 167

 175, 109, 164

 175, 126, 167

 175, 144, 170

■ 175, 91, 161

■ 175, 161, 173

■ 175, 74, 158

■ 175, 178, 179

■ 175, 56, 156

■ 175, 193, 196

■ 175, 39, 153

■ 175, 209, 214

■ 175, 21, 150

■ 175, 223, 231

■ 175, 4, 147

■ 175, 239, 249

■ 175, 0, 146

■ 175, 242, 255

■ 175, 240, 255

Harmonies

Analogous

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



146, 135, 186



175, 126, 167



190, 122, 142

Triad

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



175, 126, 167



114, 158, 90



49, 105, 167

Complementary

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



175, 126, 167



126, 168, 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.



69, 117, 156



175, 126, 167



96, 148, 113

Square

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



175, 126, 167



180, 155, 97



100, 141, 153



68, 117, 186

Rectangle

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



175, 126, 167



193, 123, 124



100, 141, 153



53, 105, 159

Sweetspot

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



175, 126, 167



227, 209, 224



133, 126, 175



115, 103, 113



242, 242, 242



115, 115, 115

Same Dimension

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



175, 126, 167



227, 150, 214



175, 126, 143



87, 78, 85



150, 0, 126



23, 0, 19

Inverse Universe

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



175, 126, 167



227, 150, 214



126, 156, 175



87, 78, 85



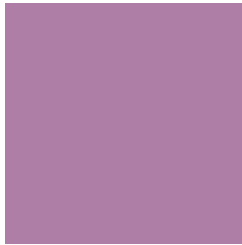
150, 0, 126



23, 0, 19

Previews

White Background



This preview shows how the RYB color 175, 126, 167 looks on a white background.

Color Contrast Check

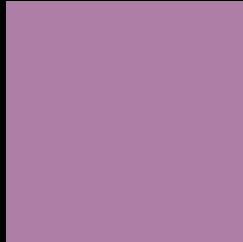
Large Text (above 18pt) WCAG AA ✓ Pass

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, 126, 167 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

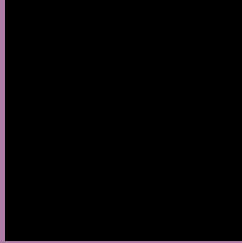
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 175, 126, 167 Background



This preview shows how black text looks on a background with the RYB color 175, 126, 167.

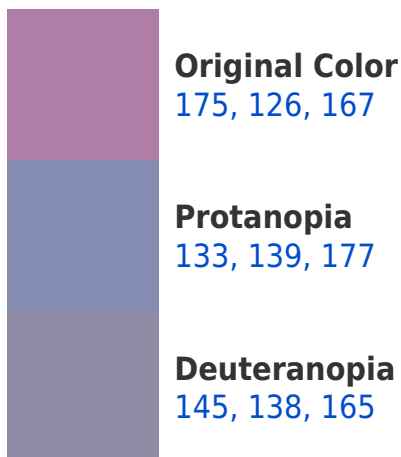



This preview shows how white text looks on a background with the RYB color 175, 126, 167.

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





Tritanopia
172, 131, 141

Trichromacy



Original Color
175, 126, 167

Protanomaly
148, 135, 173

Deuteranomaly
156, 134, 166

Tritanomaly
173, 129, 150

Monochromacy



Original Color
175, 126, 167

Achromatopsia
145, 145, 145

Achromatomaly
156, 138, 153

CSS Examples

Text

The CSS property to change the color of the text to RYB 175, 126, 167 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, 126, 167) looks like.

```
.text, #text, p{  
    color:rgb(175, 126, 167)  
}
```

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, 126, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 126, 167) }
```

Border

The CSS property to change the border of an element to RYB 175, 126, 167 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, 126, 167) }
```

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

```
.border{ border-color:rgb(175, 126, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 126, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 126, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 126, 167);  
box-shadow:4px 4px 4px 4px rgb(175, 126,  
167) }
```

Background

The CSS property to change the background color of an element to RYB 175, 126, 167 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 126, 167) }
```

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

```
.background{ background-color: rgb(175,  
126, 167) }
```

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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