

Converting Colors

`RYB(174, 111, 155)`

Have a look what the booklet for
RYB(174, 111, 155) contains.

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Color

R_YB(174, 111, 155)

Conversions

Conversions Part 1

Format	Color
Hex	AE6F9B
RGB	174, 111, 155
RGB Percent	68%, 44%, 61%
CMY	0.3176, 0.5647, 0.3922
CMYK	0.00, 0.36, 0.11, 0.32
HSL	318°, 28%, 56%
HSV	318°, 36%, 68%
XYZ	29.0564, 22.7341, 33.8670
YIQ	134.8530, 23.4240, 27.0400

Conversions

Conversions Part 2

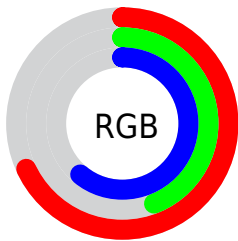
Format	Color
RYB	174, 111, 155
Decimal	11431835
CIELab	54.80, 31.66, -13.44
CIELCh	55, 34.400, 336.993
Yxy	22.7341, 0.3392, 0.2654
Android (android.graphics.Color)	4289621915 (0xFFAE6F9B)
YUV	134.8530, 9.9325, 34.3319
Hunter-Lab	47.6803, 25.3375, -8.7371

Details

The RYB color **174, 111, 155** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **111, 159, 174**, and the grayscale version is **135, 135, 135**.

A 20% lighter version of the original color is **230, 164, 209**, and **120, 61, 104** is the 20% darker color. If you saturate the color by 10%, you get **174, 94, 150**, and if you desaturate by 10%, it is **174, 128, 160**.

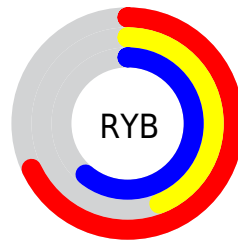
Distribution



Red (68%)

Green (44%)

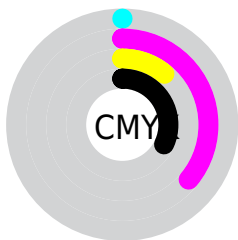
Blue (61%)



Red (68%)

Yellow (44%)

Blue (61%)

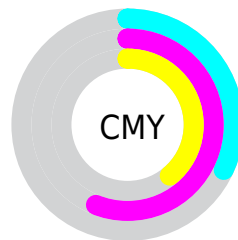


Cyan (0%)

Magenta (36%)

Yellow (11%)

Black (32%)



Cyan (32%)

Magenta (56%)

Yellow (39%)


Brightness & Saturation Gradients

These gradients show how the RYB color 174, 111, 155 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, 111, 155 by changing the saturation by 10% instead.

 174, 111, 155


255, 255, 255

 230, 164, 209

 255, 191, 238

 255, 219, 255


 255, 248, 255

 174, 111, 155

 147, 86, 129

 120, 61, 104


 95, 38, 80

 70, 13, 57


 46, 0, 35


 17, 0, 11

 0, 0, 0

 174, 111, 155

 174, 94, 150

 174, 111, 155

 174, 128, 160

■ 174, 76, 145

■ 174, 146, 165

■ 174, 59, 139

■ 174, 163, 171

■ 174, 41, 134

■ 174, 179, 181

■ 174, 24, 129

■ 174, 193, 198

■ 174, 7, 124

■ 174, 206, 215

■ 174, 0, 122

■ 174, 219, 233

■ 174, 232, 250

■ 174, 234, 255

Harmonies

Analogous

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



143, 121, 179



174, 111, 155



188, 107, 125

Triad

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



174, 111, 155



84, 143, 71



0, 77, 166

Complementary

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



174, 111, 155



111, 159, 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.



14, 83, 147



174, 111, 155



82, 140, 111

Square

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



174, 111, 155



169, 161, 77



74, 122, 145



34, 96, 185

Rectangle

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



174, 111, 155



188, 109, 106



74, 122, 145



0, 76, 157

Sweetspot

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



174, 111, 155



227, 202, 219



130, 111, 174



115, 100, 110



242, 242, 242



115, 115, 115

Same Dimension

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



174, 111, 155



227, 129, 198



174, 111, 124



87, 78, 84



150, 0, 105



23, 0, 16

Inverse Universe

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



174, 111, 155



227, 129, 198



111, 146, 174



87, 78, 84



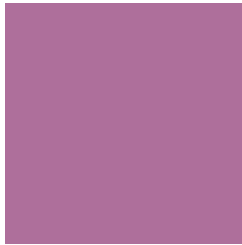
150, 0, 105



23, 0, 16

Previews

White Background



This preview shows how the RYB color 174, 111, 155 looks on a white background.

Color Contrast Check

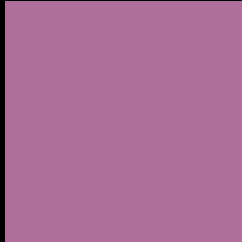
Large Text (above 18pt) WCAG AA ✓ Pass

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 174, 111, 155 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

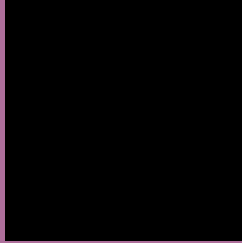
Any Text WCAG AA ✓ Pass

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 174, 111, 155 Background



This preview shows how black text looks on a background with the RYB color 174, 111, 155.



This preview shows how white text looks on a background with the RYB color 174, 111, 155.

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, 111, 155

Protanopia
122, 129, 168

Deuteranopia
135, 128, 152



Tritanopia
170, 117, 126

Trichromacy



Original Color
174, 111, 155

Protanomaly
141, 123, 163

Deuteranomaly
149, 122, 153

Tritanomaly
171, 115, 137

Monochromacy



Original Color
174, 111, 155

Achromatopsia
135, 135, 135

Achromatomaly
149, 126, 142

CSS Examples

Text

The CSS property to change the color of the text to RYB 174, 111, 155 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, 111, 155)` looks like.

```
.text, #text, p{  
    color:rgb(174, 111, 155)  
}
```

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, 111, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 111, 155) }
```

Border

The CSS property to change the border of an element to RYB 174, 111, 155 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, 111, 155) }
```

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

```
.border{ border-color:rgb(174, 111, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 111, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 111, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 111, 155);  
box-shadow:4px 4px 4px 4px rgb(174, 111,  
155) }
```

Background

The CSS property to change the background color of an element to RYB 174, 111, 155 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 111, 155) }
```

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

```
.background{ background-color: rgb(174,  
111, 155) }
```

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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