

Converting Colors

`RYB(175, 144, 191)`

Have a look what the booklet for
RYB(175, 144, 191) contains.

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Color

R_YB(175, 144, 191)

Conversions

Conversions Part 1

Format	Color
Hex	AF90BF
RGB	175, 144, 191
RGB Percent	69%, 56%, 75%
CMY	0.3137, 0.4353, 0.2510
CMYK	0.08, 0.25, 0.00, 0.25
HSL	280°, 27%, 66%
HSV	280°, 25%, 75%
XYZ	37.0564, 32.8221, 53.6724
YIQ	158.6270, 3.3890, 21.1890

Conversions

Conversions Part 2

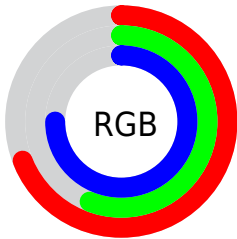
Format	Color
RYB	175, 144, 191
Decimal	11505855
CIELab	64.02, 20.37, -20.03
CIELCh	64, 28.567, 315.482
Yxy	32.8221, 0.2999, 0.2657
Android (android.graphics.Color)	4289695935 (0xFFAF90BF)
YUV	158.6270, 15.9599, 14.3591
Hunter-Lab	57.2905, 15.1982, -15.4422

Details

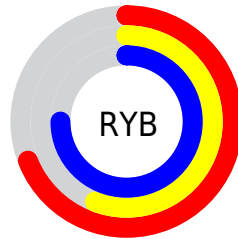
The RYB color **175, 144, 191** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **144, 191, 175**, and the grayscale version is **158, 158, 158**.

A 20% lighter version of the original color is **231, 198, 247**, and **122, 93, 137** is the 20% darker color. If you saturate the color by 10%, you get **168, 125, 191**, and if you desaturate by 10%, it is **182, 163, 191**.

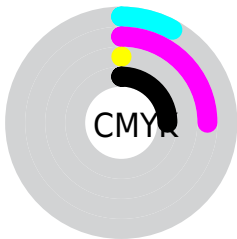
Distribution



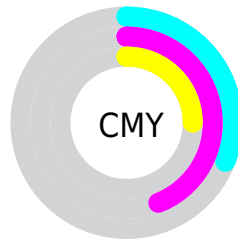
- Red (69%)
- Green (56%)
- Blue (75%)



- Red (69%)
- Yellow (56%)
- Blue (75%)



- Cyan (8%)
- Magenta (25%)
- Yellow (0%)
- Black (25%)



- Cyan (31%)
- Magenta (44%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the RYB color 175, 144, 191 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, 144, 191 by changing the saturation by 10% instead.


 175, 144, 191

255, 255, 255

 231, 198, 247

 255, 226, 255

 175, 144, 191

 148, 118, 164

 122, 93, 137

 97, 69, 112

 73, 47, 87

 49, 25, 64

 29, 1, 42


 0, 1, 20


 0, 0, 0


 175, 144, 191

 175, 144, 191


 168, 125, 191

 182, 163, 191


 162, 106, 191

 188, 182, 191


 155, 87, 191


 191, 201, 197


 149, 68, 191

 191, 220, 210


 142, 49, 191

 191, 239, 222


 136, 29, 191


 191, 255, 232

 129, 10, 191

 191, 255, 225

 126, 0, 191

 191, 255, 219

 191, 255, 212

Harmonies

Analogous

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



141, 151, 204



175, 144, 191



198, 137, 169

Triad

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



175, 144, 191



169, 184, 106



77, 123, 169

Complementary

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



175, 144, 191



144, 191, 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.



101, 143, 168



175, 144, 191



108, 160, 106

Square

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



175, 144, 191



201, 148, 120



119, 164, 152



75, 126, 191

Rectangle

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



175, 144, 191



205, 136, 151



119, 164, 152



83, 129, 169

Sweetspot

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



175, 144, 191



241, 230, 247



144, 156, 191



122, 115, 125



252, 252, 252



125, 125, 125

Same Dimension

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



175, 144, 191



222, 173, 247



191, 144, 184



91, 85, 94



104, 0, 158



20, 0, 31

Inverse Universe

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



191, 144, 160



247, 173, 198



144, 185, 191



94, 85, 88



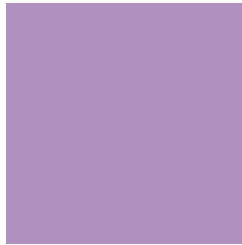
158, 0, 54



31, 0, 10

Previews

White Background



This preview shows how the RYB color 175, 144, 191 looks on a white background.

Color Contrast Check

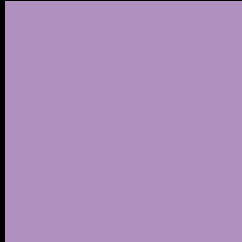
Large Text (above 18pt) WCAG AA × Fail

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, 144, 191 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

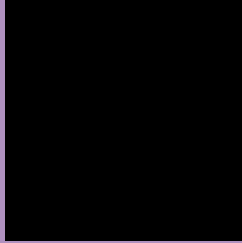
Any Text WCAG AA ✓ Pass

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, 144, 191 Background



This preview shows how black text looks on a background with the RYB color 175, 144, 191.



This preview shows how white text looks on a background with the RYB color 175, 144, 191.

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, 144, 191

Protanopia
144, 152, 198

Deuteranopia
153, 152, 189



Tritanopia
170, 149, 161

Trichromacy



Original Color
175, 144, 191

Protanomaly
155, 150, 195

Deuteranomaly
161, 149, 190

Tritanomaly
172, 147, 172

Monochromacy



Original Color
175, 144, 191

Achromatopsia
159, 159, 159

Achromatomaly
165, 154, 171

CSS Examples

Text

The CSS property to change the color of the text to RYB 175, 144, 191 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, 144, 191)` looks like.

```
.text, #text, p{  
    color:rgb(175, 144, 191)  
}
```

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, 144, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 144, 191) }
```

Border

The CSS property to change the border of an element to RYB 175, 144, 191 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, 144, 191) }
```

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

```
.border{ border-color:rgb(175, 144, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 144, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 144, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 144, 191);  
box-shadow:4px 4px 4px 4px rgb(175, 144,  
191) }
```

Background

The CSS property to change the background color of an element to RYB 175, 144, 191 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 144, 191) }
```

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

```
.background{ background-color: rgb(175,  
144, 191) }
```

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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