

Converting Colors

`RYB(159, 132, 189)`

Have a look what the booklet for
RYB(159, 132, 189) contains.

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Color

R_YB(159, 132, 189)

Conversions

Conversions Part 1

Format	Color
Hex	9F84BD
RGB	159, 132, 189
RGB Percent	62%, 52%, 74%
CMY	0.3765, 0.4824, 0.2588
CMYK	0.16, 0.30, 0.00, 0.26
HSL	268°, 30%, 63%
HSV	268°, 30%, 74%
XYZ	31.7346, 27.5476, 51.7887
YIQ	146.5710, -2.2050, 23.4510

Conversions

Conversions Part 2

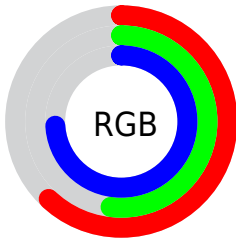
Format	Color
RYB	159, 132, 189
Decimal	10454205
CIELab	59.48, 21.54, -25.98
CIELCh	59, 33.749, 309.652
Yxy	27.5476, 0.2857, 0.2480
Android (android.graphics.Color)	4288644285 (0xFF9F84BD)
YUV	146.5710, 20.9175, 10.9002
Hunter-Lab	52.4858, 16.0769, -21.7625

Details

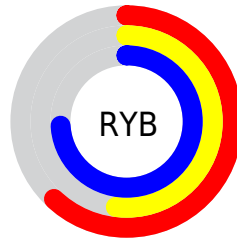
The RYB color **159, 132, 189** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **132, 189, 159**, and the grayscale version is **146, 146, 146**.

A 20% lighter version of the original color is **214, 185, 245**, and **107, 82, 135** is the 20% darker color. If you saturate the color by 10%, you get **149, 113, 189**, and if you desaturate by 10%, it is **169, 151, 189**.

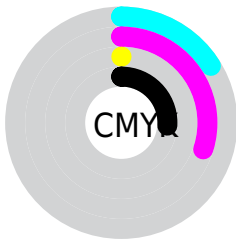
Distribution



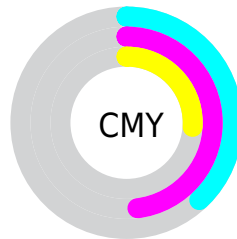
- Red (62%)
- Green (52%)
- Blue (74%)



- Red (62%)
- Yellow (52%)
- Blue (74%)



- Cyan (16%)
- Magenta (30%)
- Yellow (0%)
- Black (26%)



- Cyan (38%)
- Magenta (48%)
- Yellow (26%)


Brightness & Saturation Gradients

These gradients show how the RYB color 159, 132, 189 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 159, 132, 189 by changing the saturation by 10% instead.

 159, 132, 189


255, 255, 255

 214, 185, 245

 243, 213, 255


 255, 241, 255

 159, 132, 189

 132, 107, 162

 107, 82, 135

 82, 59, 110

 58, 37, 85

 34, 16, 62

 16, 0, 40

 0, 1, 17

 0, 0, 0

 159, 132, 189

 159, 132, 189

■ 149, 113, 189

■ 169, 151, 189

■ 139, 94, 189

■ 179, 170, 189

■ 129, 75, 189

■ 189, 189, 189

■ 119, 56, 189

■ 189, 208, 198

■ 109, 38, 189

■ 189, 227, 207

■ 99, 19, 189

■ 189, 245, 215

■ 90, 0, 189

■ 189, 255, 215

■ 189, 255, 205

■ 189, 255, 195

Harmonies

Analogous

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



116, 136, 201



159, 132, 189



188, 123, 165

Triad

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



159, 132, 189



180, 180, 88



39, 101, 159

Complementary

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



159, 132, 189



132, 189, 159

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.



84, 132, 157



159, 132, 189



93, 153, 84

Square

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



159, 132, 189



197, 130, 107



96, 153, 128



3, 85, 180

Rectangle

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



159, 132, 189



198, 120, 145



96, 153, 128



55, 112, 159

Sweetspot

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



159, 132, 189



233, 223, 245



132, 152, 189



115, 109, 122



250, 250, 250



122, 122, 122

Same Dimension

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



159, 132, 189



198, 157, 245



187, 132, 189



89, 85, 94



75, 0, 158



14, 0, 31

Inverse Universe

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



189, 132, 162



245, 157, 203



132, 189, 187



94, 85, 90



158, 0, 83



31, 0, 16

Previews

White Background



This preview shows how the RYB color 159, 132, 189 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 159, 132, 189 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

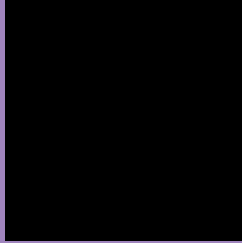
Any Text WCAG AA ✓ Pass

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 159, 132, 189 Background



This preview shows how black text looks on a background with the RYB color 159, 132, 189.

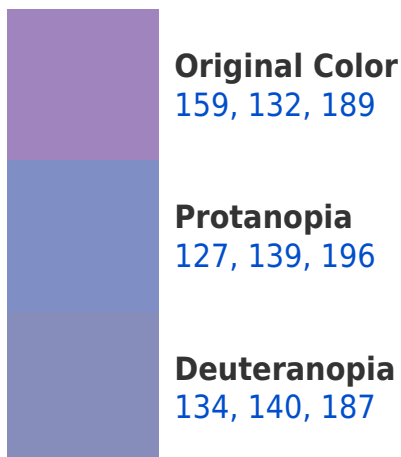



This preview shows how white text looks on a background with the RYB color 159, 132, 189.

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
153, 139, 150

Trichromacy



Original Color
159, 132, 189

Protanomaly
139, 138, 193

Deuteranomaly
143, 138, 188

Tritanomaly
155, 136, 164

Monochromacy



Original Color
159, 132, 189

Achromatopsia
147, 147, 147

Achromatomaly
151, 142, 162

CSS Examples

Text

The CSS property to change the color of the text to RYB 159, 132, 189 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(159, 132, 189) looks like.

```
.text, #text, p{  
    color:rgb(159, 132, 189)  
}
```

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(159, 132, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 132, 189) }
```

Border

The CSS property to change the border of an element to RYB 159, 132, 189 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(159, 132, 189) }
```

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

```
.border{ border-color:rgb(159, 132, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 132, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 132, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 132, 189);  
box-shadow:4px 4px 4px 4px rgb(159, 132,  
189) }
```

Background

The CSS property to change the background color of an element to RYB 159, 132, 189 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 132, 189) }
```

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

```
.background{ background-color: rgb(159,  
132, 189) }
```

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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