

Converting Colors

`RYB(162, 159, 189)`

Have a look what the booklet for RYB(162, 159, 189) contains.

RYB(162, 159, 189)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(162, 159, 189)

Conversions

Conversions Part 1

Format	Color
Hex	A29FBD
RGB	162, 159, 189
RGB Percent	64%, 62%, 74%
CMY	0.3647, 0.3765, 0.2588
CMYK	0.14, 0.16, 0.00, 0.26
HSL	246°, 19%, 68%
HSV	246°, 16%, 74%
XYZ	36.4837, 36.1518, 53.1992
YIQ	163.3170, -7.8420, 9.9660

Conversions

Conversions Part 2

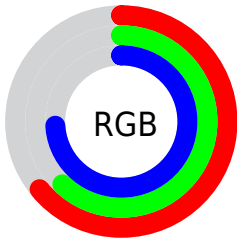
Format	Color
R _Y B	162, 159, 189
Decimal	10657725
CIE Lab	66.64, 7.19, -15.05
CIE LCh	67, 16.677, 295.533
Yxy	36.1518, 0.2899, 0.2873
Android (android.graphics.Color)	4288847805 (0xFFA29FBD)
YUV	163.3170, 12.6617, -1.1550
Hunter-Lab	60.1263, 3.0899, -10.3708

Details

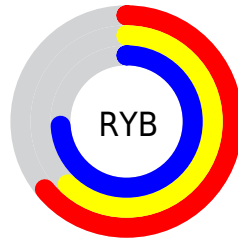
The RYB color **162, 159, 189** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **159, 189, 162**, and the grayscale version is **163, 163, 163**.

A 20% lighter version of the original color is **217, 214, 245**, and **110, 108, 136** is the 20% darker color. If you saturate the color by 10%, you get **145, 140, 189**, and if you desaturate by 10%, it is **179, 178, 189**.

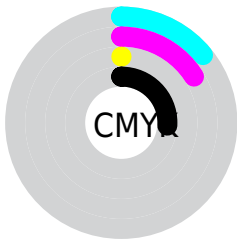
Distribution



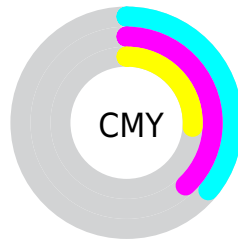
- Red (64%)
- Green (62%)
- Blue (74%)



- Red (64%)
- Yellow (62%)
- Blue (74%)



- Cyan (14%)
- Magenta (16%)
- Yellow (0%)
- Black (26%)



- Cyan (36%)
- Magenta (38%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the RYB color 162, 159, 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 162, 159, 189 by changing the saturation by 10% instead.

■ 162, 159, 189

255, 255, 255

■ 217, 214, 245

■ 246, 242, 255

■ 162, 159, 189

■ 136, 133, 162

■ 110, 108, 136

■ 86, 83, 110

■ 62, 60, 86

■ 40, 39, 63

■ 19, 18, 41

■ 0, 1, 20

■ 0, 0, 0

■ 162, 159, 189

■ 162, 159, 189

■ 145, 140, 189

■ 179, 178, 189

■ 128, 121, 189

■ 189, 197, 190

■ 111, 102, 189

■ 189, 216, 192

■ 94, 83, 189

■ 189, 235, 194

■ 77, 65, 189

■ 189, 254, 196

■ 60, 46, 189

■ 189, 255, 189

■ 43, 27, 189

■ 26, 8, 189

■ 19, 0, 189

Harmonies

Analogous

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



142, 157, 192



162, 159, 189



180, 154, 179

Triad

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



162, 159, 189



188, 164, 138



129, 154, 171

Complementary

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



162, 159, 189



159, 189, 162

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.



143, 167, 169



162, 159, 189



157, 176, 132

Square

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



162, 159, 189



194, 152, 150



135, 165, 140



122, 147, 174

Rectangle

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



162, 159, 189



188, 152, 170



135, 165, 140



133, 157, 170

Sweetspot

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



162, 159, 189



234, 233, 245



159, 173, 189



116, 115, 122



250, 250, 250



122, 122, 122

Same Dimension

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



162, 159, 189



203, 198, 245



177, 159, 189



86, 85, 94



16, 0, 158



3, 0, 31

Inverse Universe

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



189, 159, 186



245, 198, 240



159, 189, 177



94, 85, 93



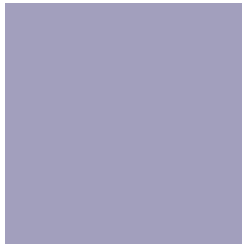
158, 0, 142



31, 0, 28

Previews

White Background



This preview shows how the RYB color 162, 159, 189 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 162, 159, 189 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

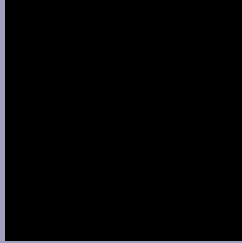
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

RYB 162, 159, 189 Background



This preview shows how black text looks on a background with the RYB color 162, 159, 189.



This preview shows how white text looks on a background with the RYB color 162, 159, 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](#).

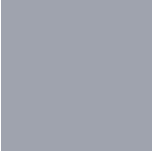
Dichromacy



Original Color
162, 159, 189

Protanopia
156, 160, 190

Deuteranopia
165, 158, 189



Tritanopia
159, 162, 174

Trichromacy



Original Color
162, 159, 189

Protanomaly
158, 160, 190

Deuteranomaly
164, 158, 189

Tritanomaly
160, 161, 179

Monochromacy



Original Color
162, 159, 189

Achromatopsia
163, 163, 163

Achromatomaly
163, 162, 172

CSS Examples

Text

The CSS property to change the color of the text to RGB 162, 159, 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(162, 159, 189) looks like.

```
.text, #text, p{  
    color:rgb(162, 159, 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(162, 159, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 159, 189) }
```

Border

The CSS property to change the border of an element to RYB 162, 159, 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(162, 159, 189) }
```

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

```
.border{ border-color:rgb(162, 159, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 159, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 159, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 159, 189);  
box-shadow:4px 4px 4px 4px rgb(162, 159,  
189) }
```

Background

The CSS property to change the background color of an element to RYB 162, 159, 189 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 159, 189) }
```

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

```
.background{ background-color: rgb(162,  
159, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor