

Converting Colors

`RYB(167, 128, 159)`

Have a look what the booklet for
RYB(167, 128, 159) contains.

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Color

R_YB(167, 128, 159)

Conversions

Conversions Part 1

Format	Color
Hex	A7809F
RGB	167, 128, 159
RGB Percent	65%, 50%, 62%
CMY	0.3451, 0.4980, 0.3765
CMYK	0.00, 0.23, 0.05, 0.35
HSL	312°, 18%, 58%
HSV	312°, 23%, 65%
XYZ	29.9135, 26.1570, 36.2731
YIQ	143.1950, 13.2930, 17.9090

Conversions

Conversions Part 2

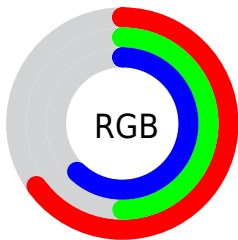
Format	Color
RYB	167, 128, 159
Decimal	10977439
CIELab	58.19, 20.34, -10.74
CIElCh	58, 23.000, 332.166
Yxy	26.1570, 0.3239, 0.2833
Android (android.graphics.Color)	4289167519 (0xFFA7809F)
YUV	143.1950, 7.7919, 20.8770
Hunter-Lab	51.1439, 14.9008, -6.2498

Details

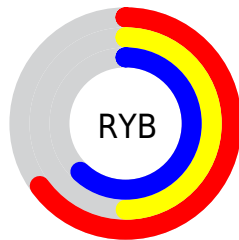
The RYB color **167, 128, 159** is a light color, and the websafe version is hex **996699**. A complement of this color would be **128, 160, 167**, and the grayscale version is **143, 143, 143**.

A 20% lighter version of the original color is **222, 181, 214**, and **115, 78, 108** is the 20% darker color. If you saturate the color by 10%, you get **167, 111, 156**, and if you desaturate by 10%, it is **167, 145, 162**.

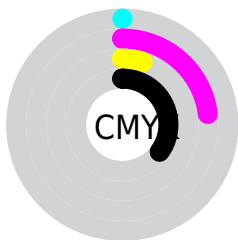
Distribution



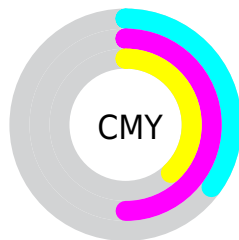
- Red (65%)
- Green (50%)
- Blue (62%)



- Red (65%)
- Yellow (50%)
- Blue (62%)



- Cyan (0%)
- Magenta (23%)
- Yellow (5%)
- Black (35%)



- Cyan (35%)
- Magenta (50%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the RYB color 167, 128, 159 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 167, 128, 159 by changing the saturation by 10% instead.

 167, 128, 159


255, 255, 255


 222, 181, 214


 251, 209, 242

 255, 237, 255


 167, 128, 159


 140, 103, 133

 115, 78, 108


 90, 55, 83


 66, 33, 60

 43, 12, 38


 21, 0, 17

 0, 0, 0

 167, 128, 159

 167, 111, 156

 167, 128, 159

 167, 145, 162

 167, 95, 152

 167, 161, 166

 167, 78, 149

 167, 176, 178

 167, 61, 145

 167, 190, 195

 167, 45, 142

 167, 204, 211

 167, 28, 138

 167, 217, 228

 167, 11, 135

 167, 232, 245

 167, 0, 133

 167, 239, 255

 167, 237, 255

Harmonies

Analogous

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



145, 134, 174



167, 128, 159



179, 125, 139

Triad

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



167, 128, 159



119, 153, 100



79, 117, 161

Complementary

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



167, 128, 159



128, 160, 167

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.



88, 122, 151



167, 128, 159



105, 145, 119

Square

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



167, 128, 159



170, 151, 105



108, 140, 149



91, 125, 175

Rectangle

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



167, 128, 159



181, 126, 126



108, 140, 149



80, 116, 154

Sweetspot

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



167, 128, 159



217, 202, 214



136, 128, 167



110, 101, 108



237, 237, 237



110, 110, 110

Same Dimension

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



167, 128, 159



217, 156, 204



167, 128, 140



84, 76, 82



148, 0, 118



20, 0, 16

Inverse Universe

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



167, 128, 159



217, 156, 204



128, 151, 167



84, 76, 82



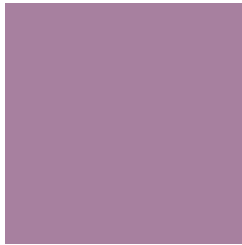
148, 0, 118



20, 0, 16

Previews

White Background



This preview shows how the RYB color 167, 128, 159 looks on a white background.

Color Contrast Check

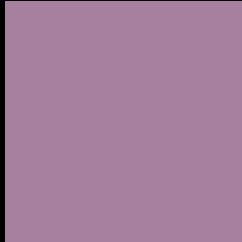
Large Text (above 18pt) WCAG AA ✓ Pass

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 167, 128, 159 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

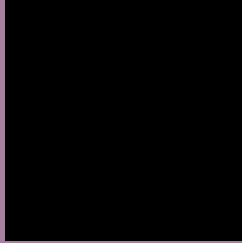
Any Text WCAG AA ✓ Pass

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 167, 128, 159 Background



This preview shows how black text looks on a background with the RYB color 167, 128, 159.



This preview shows how white text looks on a background with the RYB color 167, 128, 159.

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
167, 128, 159

Protanopia
135, 139, 166

Deuteranopia
146, 136, 157



Tritanopia
165, 131, 141

Trichromacy



Original Color
167, 128, 159

Protanomaly
147, 135, 163

Deuteranomaly
154, 133, 158

Tritanomaly
166, 130, 148

Monochromacy



Original Color
167, 128, 159

Achromatopsia
143, 143, 143

Achromatomaly
152, 138, 149

CSS Examples

Text

The CSS property to change the color of the text to RYB 167, 128, 159 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(167, 128, 159) looks like.

```
.text, #text, p{  
    color:rgb(167, 128, 159)  
}
```

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(167, 128, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 128, 159) }
```

Border

The CSS property to change the border of an element to RYB 167, 128, 159 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(167, 128, 159) }
```

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

```
.border{ border-color:rgb(167, 128, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 128, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 128, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 128, 159);  
box-shadow:4px 4px 4px 4px rgb(167, 128,  
159) }
```

Background

The CSS property to change the background color of an element to RYB 167, 128, 159 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 128, 159) }
```

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

```
.background{ background-color: rgb(167,  
128, 159) }
```

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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