

Converting Colors

`RYB(160, 138, 167)`

Have a look what the booklet for
RYB(160, 138, 167) contains.

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Color

R_YB(160, 138, 167)

Conversions

Conversions Part 1

Format	Color
Hex	A08AA7
RGB	160, 138, 167
RGB Percent	63%, 54%, 65%
CMY	0.3725, 0.4588, 0.3451
CMYK	0.04, 0.17, 0.00, 0.35
HSL	286°, 14%, 60%
HSV	286°, 17%, 65%
XYZ	30.5607, 28.4406, 40.4381
YIQ	147.8840, 3.8030, 13.6830

Conversions

Conversions Part 2

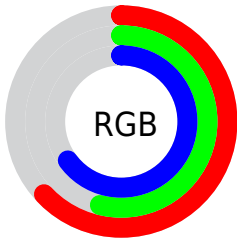
Format	Color
R_{YB}	160, 138, 167
Decimal	10521255
CIE _{Lab}	60.28, 13.73, -12.24
CIE _{LCh}	60, 18.388, 318.288
Yxy	28.4406, 0.3073, 0.2860
Android (android.graphics.Color)	4288711335 (0xFFA08AA7)
YUV	147.8840, 9.4242, 10.6257
Hunter-Lab	53.3297, 8.9630, -7.6268

Details

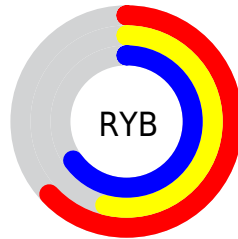
The RYB color **160, 138, 167** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **138, 167, 160**, and the grayscale version is **148, 148, 148**.

A 20% lighter version of the original color is **215, 192, 222**, and **108, 88, 115** is the 20% darker color. If you saturate the color by 10%, you get **156, 121, 167**, and if you desaturate by 10%, it is **164, 155, 167**.

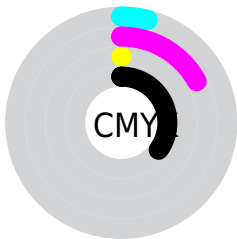
Distribution



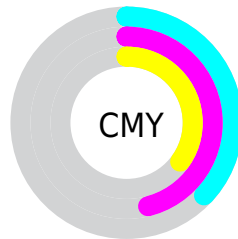
- Red (63%)
- Green (54%)
- Blue (65%)



- Red (63%)
- Yellow (54%)
- Blue (65%)



- Cyan (4%)
- Magenta (17%)
- Yellow (0%)
- Black (35%)



- Cyan (37%)
- Magenta (46%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the RYB color 160, 138, 167 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 160, 138, 167 by changing the saturation by 10% instead.

 160, 138, 167


255, 255, 255

 215, 192, 222

 243, 219, 251

 255, 248, 255

 160, 138, 167

 134, 113, 141

 108, 88, 115


 84, 65, 90

 60, 42, 67


 38, 22, 45

 20, 0, 25

 0, 0, 0

 160, 138, 167

 156, 121, 167

 160, 138, 167

 164, 155, 167

■ 152, 105, 167

■ 167, 171, 170

■ 148, 88, 167

■ 167, 188, 183

■ 144, 71, 167

■ 167, 205, 196

■ 140, 54, 167

■ 167, 221, 208

■ 136, 38, 167

■ 167, 238, 221

■ 132, 21, 167

■ 167, 255, 234

■ 128, 4, 167

■ 167, 255, 230

■ 127, 0, 167

■ 167, 255, 226

Harmonies

Analogous

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



140, 143, 176



160, 138, 167



174, 134, 152

Triad

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



160, 138, 167



153, 164, 114



101, 128, 155

Complementary

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



160, 138, 167



138, 167, 160

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.



112, 138, 154



160, 138, 167



114, 147, 114

Square

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



160, 138, 167



175, 143, 122



123, 152, 146



103, 131, 169

Rectangle

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



160, 138, 167



178, 134, 141



123, 152, 146



104, 131, 155

Sweetspot

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



160, 138, 167



214, 206, 217



138, 144, 167



108, 103, 110



237, 237, 237



110, 110, 110

Same Dimension

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



160, 138, 167



206, 171, 217



167, 138, 160



82, 76, 84



112, 0, 148



15, 0, 20

Inverse Universe

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



167, 138, 145



217, 171, 182



138, 161, 167



84, 76, 78



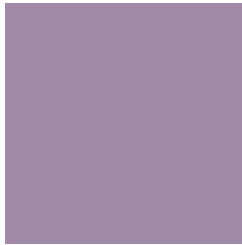
148, 0, 36



20, 0, 5

Previews

White Background



This preview shows how the RYB color 160, 138, 167 looks on a white background.

Color Contrast Check

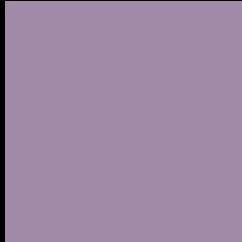
Large Text (above 18pt) WCAG AA ✓ Pass

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 160, 138, 167 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

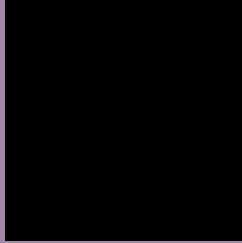
Any Text WCAG AA ✓ Pass

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 160, 138, 167 Background



This preview shows how black text looks on a background with the RYB color 160, 138, 167.



This preview shows how white text looks on a background with the RYB color 160, 138, 167.

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


160, 138, 167

Protanopia

140, 144, 171

Deuteranopia

150, 142, 166



Tritanopia
158, 141, 152

Trichromacy



Original Color
160, 138, 167

Protanomaly
147, 142, 170

Deuteranomaly
154, 141, 166

Tritanomaly
159, 140, 157

Monochromacy



Original Color
160, 138, 167

Achromatopsia
148, 148, 148

Achromatomaly
152, 144, 155

CSS Examples

Text

The CSS property to change the color of the text to RYB 160, 138, 167 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(160, 138, 167) looks like.

```
.text, #text, p{  
    color:rgb(160, 138, 167)  
}
```

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(160, 138, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 138, 167) }
```

Border

The CSS property to change the border of an element to RYB 160, 138, 167 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(160, 138, 167) }
```

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

```
.border{ border-color:rgb(160, 138, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 138, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 138, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 138, 167);  
box-shadow:4px 4px 4px 4px rgb(160, 138,  
167) }
```

Background

The CSS property to change the background color of an element to RYB 160, 138, 167 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 138, 167) }
```

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

```
.background{ background-color: rgb(160,  
138, 167) }
```

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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