

Converting Colors

`RYB(183, 138, 160)`

Have a look what the booklet for
RYB(183, 138, 160) contains.

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Color

R_YB(183, 138, 160)

Conversions

Conversions Part 1

Format	Color
Hex	B78AA0
RGB	183, 138, 160
RGB Percent	72%, 54%, 63%
CMY	0.2824, 0.4588, 0.3725
CMYK	0.00, 0.25, 0.13, 0.28
HSL	331°, 24%, 63%
HSV	331°, 25%, 72%
XYZ	34.9621, 30.7823, 37.3566
YIQ	153.9630, 19.7580, 16.3820

Conversions

Conversions Part 2

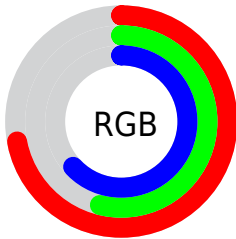
Format	Color
R_{YB}	183, 138, 160
Decimal	12028576
CIE _{Lab}	62.32, 20.65, -4.97
CIE _{LCh}	62, 21.242, 346.464
Yxy	30.7823, 0.3391, 0.2986
Android (android.graphics.Color)	4290218656 (0xFFB78AA0)
YUV	153.9630, 2.9762, 25.4654
Hunter-Lab	55.4818, 15.3893, -1.0834

Details

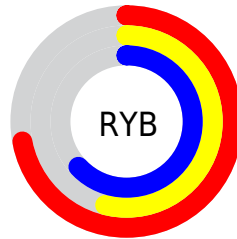
The RYB color **183, 138, 160** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **138, 168, 183**, and the grayscale version is **154, 154, 154**.

A 20% lighter version of the original color is **239, 192, 215**, and **129, 88, 109** is the 20% darker color. If you saturate the color by 10%, you get **183, 120, 151**, and if you desaturate by 10%, it is **183, 156, 169**.

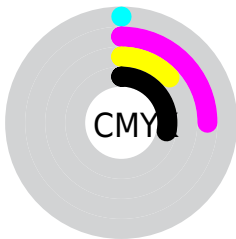
Distribution



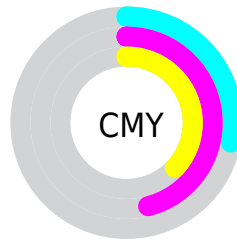
- Red (72%)
- Green (54%)
- Blue (63%)



- Red (72%)
- Yellow (54%)
- Blue (63%)



- Cyan (0%)
- Magenta (25%)
- Yellow (13%)
- Black (28%)



- Cyan (28%)
- Magenta (46%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the RYB color 183, 138, 160 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 183, 138, 160 by changing the saturation by 10% instead.

 183, 138, 160

255, 255, 255

 239, 192, 215


 255, 220, 243

 255, 248, 255

 183, 138, 160

 156, 112, 134

 129, 88, 109

 104, 64, 84

 79, 41, 61

 55, 20, 39

 35, 0, 19

 0, 0, 0

 183, 138, 160


 183, 120, 151


 183, 138, 160

 183, 156, 169

 183, 101, 141

 183, 175, 179

 183, 83, 132


 183, 190, 193

 183, 65, 123

 183, 202, 211

 183, 46, 113

 183, 214, 230

 183, 28, 104

 183, 226, 248

 183, 10, 95

 183, 228, 255

 183, 0, 89

 183, 225, 255

 183, 222, 255

Harmonies

Analogous

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



166, 142, 177



183, 138, 160



189, 137, 141

Triad

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



183, 138, 160



115, 154, 114



99, 133, 177

Complementary

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



183, 138, 160



138, 168, 183

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.



98, 130, 161



183, 138, 160



124, 158, 150

Square

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



183, 138, 160



160, 173, 114



112, 143, 161



117, 142, 187

Rectangle

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



183, 138, 160



188, 141, 129



112, 143, 161



97, 131, 172

Sweetspot

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



183, 138, 160



237, 221, 229



161, 138, 183



120, 110, 115



247, 247, 247



120, 120, 120

Same Dimension

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



183, 138, 160



237, 166, 201



183, 138, 138



92, 83, 87



156, 0, 76



28, 0, 14

Inverse Universe

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



183, 138, 160



237, 166, 201



138, 161, 183



92, 83, 87



156, 0, 76



28, 0, 14

Previews

White Background



This preview shows how the RYB color 183, 138, 160 looks on a white background.

Color Contrast Check

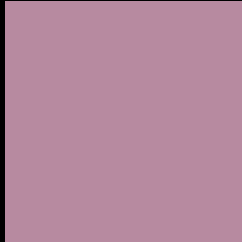
Large Text (above 18pt) WCAG AA × Fail

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 183, 138, 160 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

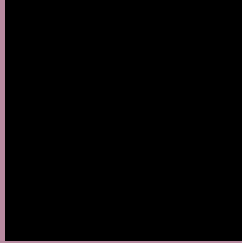
Any Text WCAG AA ✓ Pass

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 183, 138, 160 Background



This preview shows how black text looks on a background with the RYB color 183, 138, 160.



This preview shows how white text looks on a background with the RYB color 183, 138, 160.

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


183, 138, 160

Protanopia

149, 150, 167

Deuteranopia

162, 146, 158



Tritanopia
182, 140, 150

Trichromacy



Original Color
183, 138, 160

Protanomaly
161, 146, 164

Deuteranomaly
170, 143, 159

Tritanomaly
182, 139, 154

Monochromacy



Original Color
183, 138, 160

Achromatopsia
154, 154, 154

Achromatomaly
165, 148, 156

CSS Examples

Text

The CSS property to change the color of the text to RYB 183, 138, 160 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(183, 138, 160) looks like.

```
.text, #text, p{  
    color:rgb(183, 138, 160)  
}
```

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(183, 138, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 138, 160) }
```

Border

The CSS property to change the border of an element to RYB 183, 138, 160 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(183, 138, 160) }
```

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

```
.border{ border-color:rgb(183, 138, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 138, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 138, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 138, 160);  
box-shadow:4px 4px 4px 4px rgb(183, 138,  
160) }
```

Background

The CSS property to change the background color of an element to RYB 183, 138, 160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 138, 160) }
```

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

```
.background{ background-color: rgb(183,  
138, 160) }
```

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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