

Converting Colors

`RYB(182, 115, 151)`

Have a look what the booklet for
RYB(182, 115, 151) contains.

RYB(182, 115, 151)	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

$\text{RYB}(182, 115, 151)$

Conversions

Conversions Part 1

Format	Color
Hex	B67397
RGB	182, 115, 151
RGB Percent	71%, 45%, 59%
CMY	0.2863, 0.5490, 0.4078
CMYK	0.00, 0.37, 0.17, 0.29
HSL	328°, 31%, 58%
HSV	328°, 37%, 71%
XYZ	31.0081, 24.4409, 32.3614
YIQ	139.1370, 28.3760, 25.4000

Conversions

Conversions Part 2

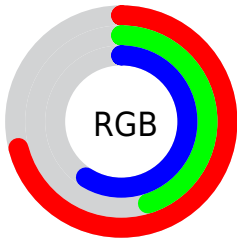
Format	Color
R_{YB}	182, 115, 151
Decimal	11957143
CIE _{Lab}	56.53, 31.59, -8.42
CIE _{LCh}	57, 32.693, 345.067
Yxy	24.4409, 0.3531, 0.2783
Android (android.graphics.Color)	4290147223 (0xFFB67397)
YUV	139.1370, 5.8485, 37.5909
Hunter-Lab	49.4378, 25.4416, -4.2042

Details

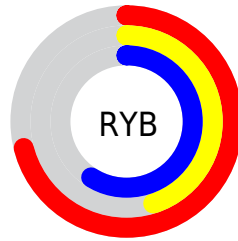
The RYB color **182, 115, 151** is a light color, and the websafe version is hex **996699**. A complement of this color would be **115, 161, 182**, and the grayscale version is **139, 139, 139**.

A 20% lighter version of the original color is **239, 168, 205**, and **128, 65, 100** is the 20% darker color. If you saturate the color by 10%, you get **182, 97, 143**, and if you desaturate by 10%, it is **182, 133, 159**.

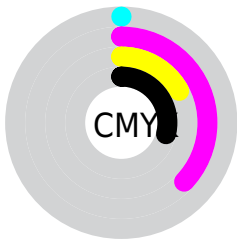
Distribution



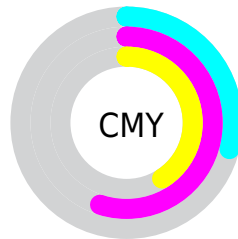
- Red (71%)
- Green (45%)
- Blue (59%)



- Red (71%)
- Yellow (45%)
- Blue (59%)



- Cyan (0%)
- Magenta (37%)
- Yellow (17%)
- Black (29%)



- Cyan (29%)
- Magenta (55%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the RYB color 182, 115, 151 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 182, 115, 151 by changing the saturation by 10% instead.

 182, 115, 151


255, 255, 255

 239, 168, 205

 255, 195, 233

 255, 224, 255

 255, 253, 255

 182, 115, 151

 154, 90, 125

 128, 65, 100

 102, 41, 76

 76, 17, 54


 52, 0, 32


 29, 0, 7

 0, 0, 0

 182, 115, 151


 182, 97, 143


 182, 115, 151

 182, 133, 159

 182, 79, 134

 182, 151, 168

 182, 60, 126

 182, 170, 176

 182, 42, 117

 182, 186, 188

 182, 24, 109

 182, 198, 206

 182, 6, 100

 182, 210, 224

 182, 0, 98

 182, 223, 242

 182, 231, 255

 182, 227, 255

Harmonies

Analogous

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



157, 123, 176



182, 115, 151



191, 114, 122

Triad

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



182, 115, 151



82, 140, 80



5, 83, 175

Complementary

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



182, 115, 151



115, 161, 182

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.



25, 89, 151



182, 115, 151



94, 146, 132

Square

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



182, 115, 151



149, 167, 81



71, 120, 150



68, 114, 190

Rectangle

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



182, 115, 151



189, 119, 104



71, 120, 150



0, 79, 167

Sweetspot

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



182, 115, 151



237, 211, 225



145, 115, 182



120, 104, 113



247, 247, 247



120, 120, 120

Same Dimension

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



182, 115, 151



237, 133, 189



182, 115, 118



92, 83, 88



156, 0, 84



28, 0, 15

Inverse Universe

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



182, 115, 151



237, 133, 189



115, 149, 182



92, 83, 88



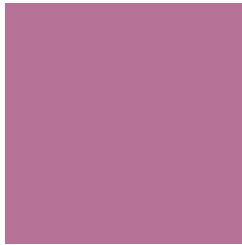
156, 0, 84



28, 0, 15

Previews

White Background



This preview shows how the RYB color 182, 115, 151 looks on a white background.

Color Contrast Check

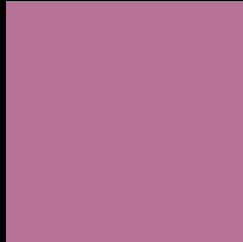
Large Text (above 18pt) WCAG AA ✓ Pass

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 182, 115, 151 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

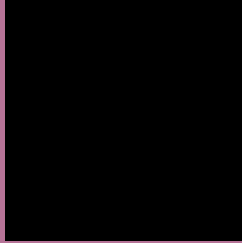
Any Text WCAG AA ✓ Pass

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 182, 115, 151 Background



This preview shows how black text looks on a background with the RYB color 182, 115, 151.

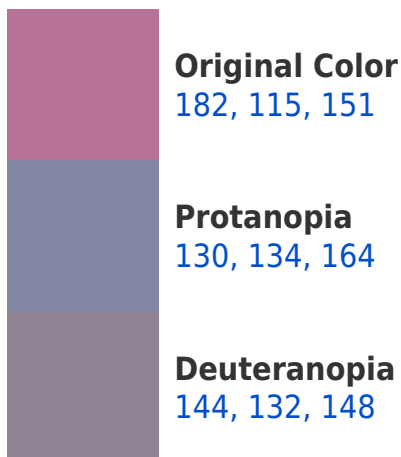



This preview shows how white text looks on a background with the RYB color 182, 115, 151.

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
179, 119, 128

Trichromacy



Original Color
182, 115, 151

Protanomaly
149, 128, 159

Deuteranomaly
158, 126, 149

Tritanomaly
180, 118, 136

Monochromacy



Original Color
182, 115, 151

Achromatopsia
139, 139, 139

Achromatomaly
155, 130, 143

CSS Examples

Text

The CSS property to change the color of the text to RYB 182, 115, 151 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(182, 115, 151) looks like.

```
.text, #text, p{  
    color:rgb(182, 115, 151)  
}
```

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(182, 115, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 115, 151) }
```

Border

The CSS property to change the border of an element to RYB 182, 115, 151 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(182, 115, 151) }
```

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

```
.border{ border-color:rgb(182, 115, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 115, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 115, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 115, 151);  
box-shadow:4px 4px 4px 4px rgb(182, 115,  
151) }
```

Background

The CSS property to change the background color of an element to RYB 182, 115, 151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 115, 151) }
```

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

```
.background{ background-color: rgb(182,  
115, 151) }
```

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