

Converting Colors

`RYB(181, 112, 129)`

Have a look what the booklet for
RYB(181, 112, 129) contains.

RYB(181, 112, 129)	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(181, 112, 129)

Conversions

Conversions Part 1

Format	Color
Hex	B57081
RGB	181, 112, 129
RGB Percent	71%, 44%, 51%
CMY	0.2902, 0.5608, 0.4941
CMYK	0.00, 0.38, 0.29, 0.29
HSL	345°, 32%, 57%
HSV	345°, 38%, 71%
XYZ	28.8127, 22.9971, 23.6892
YIQ	134.5690, 35.6670, 19.9150

Conversions

Conversions Part 2

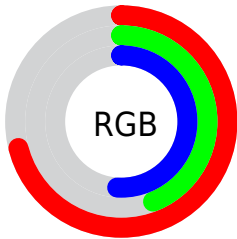
Format	Color
R_{YB}	181, 112, 129
Decimal	11890817
CIE _{Lab}	55.07, 29.55, 2.24
CIE _{LCh}	55, 29.632, 4.343
Yxy	22.9971, 0.3816, 0.3046
Android (android.graphics.Color)	4290080897 (0xFFB57081)
YUV	134.5690, -2.7455, 40.7200
Hunter-Lab	47.9553, 23.3254, 4.2803

Details

The RYB color **181, 112, 129** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **112, 151, 181**, and the grayscale version is **135, 135, 135**.

A 20% lighter version of the original color is **238, 165, 182**, and **126, 63, 80** is the 20% darker color. If you saturate the color by 10%, you get **181, 94, 115**, and if you desaturate by 10%, it is **181, 130, 143**.

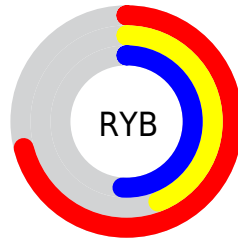
Distribution



Red (71%)

Green (44%)

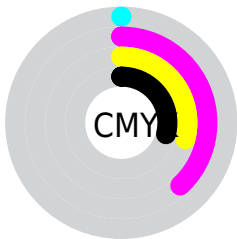
Blue (51%)



Red (71%)

Yellow (44%)

Blue (51%)

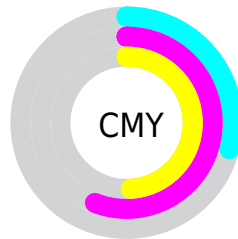


Cyan (0%)

Magenta (38%)

Yellow (29%)

Black (29%)



Cyan (29%)


Magenta (56%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the RYB color 181, 112, 129 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 181, 112, 129 by changing the saturation by 10% instead.

 181, 112, 129


255, 255, 255

 238, 165, 182

 255, 192, 209


 255, 220, 238


 255, 249, 255

 181, 112, 129

 153, 87, 104

 126, 63, 80

 100, 39, 57


 74, 15, 36


 50, 0, 14


 19, 0, 0


 0, 0, 0


 181, 112, 129

 181, 94, 115


 181, 112, 129

 181, 130, 143


 181, 76, 102

 181, 148, 156


 181, 58, 88


 181, 166, 170

 181, 40, 74


 181, 183, 184

 181, 21, 61

 181, 194, 203

 181, 3, 47

 181, 204, 221

 181, 0, 45

 181, 214, 239

 181, 223, 255

 181, 219, 255

Harmonies

Analogous

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



167, 116, 155



181, 112, 129



180, 117, 104

Triad

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



181, 112, 129



89, 139, 110



59, 107, 177

Complementary

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



181, 112, 129



112, 151, 181

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.



33, 93, 160



181, 112, 129



87, 128, 144

Square

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



181, 112, 129



98, 145, 80



54, 103, 146



102, 124, 183

Rectangle

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



181, 112, 129



173, 136, 91



54, 103, 146



46, 101, 173

Sweetspot

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



181, 112, 129



235, 209, 215



164, 112, 181



117, 102, 106



245, 245, 245



117, 117, 117

Same Dimension

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



181, 112, 129



235, 127, 153



181, 135, 112



89, 80, 83



153, 0, 38



26, 0, 6

Inverse Universe

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



181, 112, 129



235, 127, 153



112, 142, 181



89, 80, 83



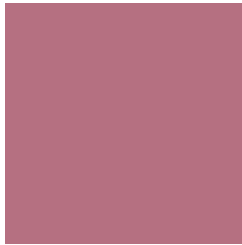
153, 0, 38



26, 0, 6

Previews

White Background



This preview shows how the RYB color 181, 112, 129 looks on a white background.

Color Contrast Check

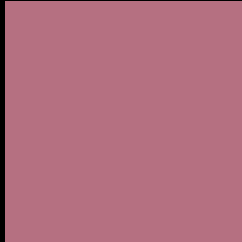
Large Text (above 18pt) WCAG AA ✓ Pass

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 181, 112, 129 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

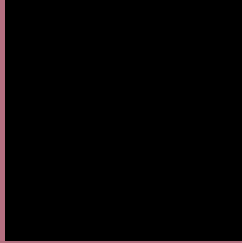
Any Text WCAG AA ✓ Pass

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 181, 112, 129 Background



This preview shows how black text looks on a background with the RYB color 181, 112, 129.




This preview shows how white text looks on a background with the RYB color 181, 112, 129.

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
180, 113, 122

Trichromacy



Original Color

181, 112, 129

Protanomaly

150, 124, 136

Deuteranomaly

159, 122, 127

Tritanomaly

180, 113, 125

Monochromacy



Original Color

181, 112, 129

Achromatopsia

135, 135, 135

Achromatomaly

152, 127, 133

CSS Examples

Text

The CSS property to change the color of the text to RYB 181, 112, 129 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(181, 112, 129)` looks like.

```
.text, #text, p{  
    color:rgb(181, 112, 129)  
}
```

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(181, 112, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 112, 129) }
```

Border

The CSS property to change the border of an element to RYB 181, 112, 129 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(181, 112, 129) }
```

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

```
.border{ border-color:rgb(181, 112, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 112, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 112, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 112, 129);  
box-shadow:4px 4px 4px 4px rgb(181, 112,  
129) }
```

Background

The CSS property to change the background color of an element to RYB 181, 112, 129 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 112, 129) }
```

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

```
.background{ background-color: rgb(181,  
112, 129) }
```

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