

Converting Colors

`RYB(181, 162, 180)`

Have a look what the booklet for
RYB(181, 162, 180) contains.

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Color

R_YB(181, 162, 180)

Conversions

Conversions Part 1

Format	Color
Hex	B5A2B4
RGB	181, 162, 180
RGB Percent	71%, 64%, 71%
CMY	0.2902, 0.3647, 0.2941
CMYK	0.00, 0.10, 0.01, 0.29
HSL	303°, 11%, 67%
HSV	303°, 10%, 71%
XYZ	40.2146, 38.9597, 48.5805
YIQ	169.7330, 5.5460, 9.6260

Conversions

Conversions Part 2

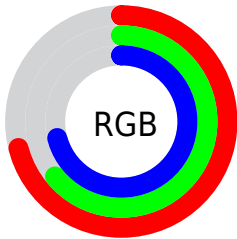
Format	Color
RYB	181, 162, 180
Decimal	11903668
CIELab	68.72, 10.18, -6.75
CIELCh	69, 12.218, 326.445
Yxy	38.9597, 0.3148, 0.3050
Android (android.graphics.Color)	4290093748 (0xFFB5A2B4)
YUV	169.7330, 5.0616, 9.8812
Hunter-Lab	62.4177, 5.7733, -2.4537

Details

The RYB color **181, 162, 180** is a light color, and the websafe version is hex **999999**. A complement of this color would be **162, 180, 181**, and the grayscale version is **170, 170, 170**.

A 20% lighter version of the original color is **237, 217, 236**, and **128, 110, 127** is the 20% darker color. If you saturate the color by 10%, you get **181, 144, 179**, and if you desaturate by 10%, it is **181, 180, 181**.

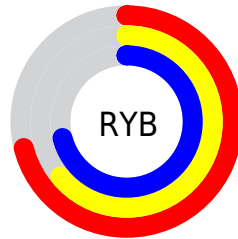
Distribution



Red (71%)

Green (64%)

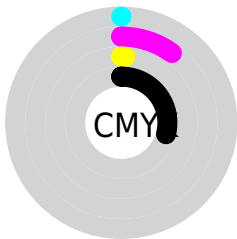
Blue (71%)



Red (71%)

Yellow (64%)

Blue (71%)

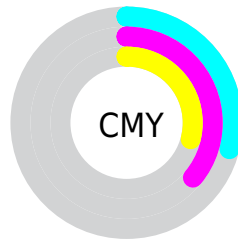


Cyan (0%)

Magenta (10%)

Yellow (1%)

Black (29%)



Cyan (29%)


Magenta (36%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the RYB color 181, 162, 180 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, 162, 180 by changing the saturation by 10% instead.

 181, 162, 180

 181, 162, 180

255, 255, 255

 154, 136, 153

 237, 217, 236

 128, 110, 127

 255, 245, 255

 103, 86, 102

 79, 63, 78


 56, 41, 55

 34, 20, 34

 7, 0, 11

 0, 0, 0

 181, 162, 180

 181, 162, 180

181, 144, 179

181, 180, 181

181, 126, 178

181, 197, 198

181, 108, 177

181, 214, 216

181, 90, 176

181, 231, 234

181, 71, 175

181, 249, 253

181, 53, 174

181, 250, 255

181, 35, 173

181, 249, 255

181, 17, 172

181, 249, 255

181, 0, 171

181, 248, 255

Harmonies

Analogous

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



168, 165, 187



181, 162, 180



189, 160, 169

Triad

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



181, 162, 180



165, 178, 146



140, 158, 177

Complementary

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



181, 162, 180



162, 180, 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.



143, 161, 174



181, 162, 180



148, 170, 152

Square

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



181, 162, 180



187, 170, 150



153, 171, 173



144, 161, 186

Rectangle

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



181, 162, 180



191, 160, 162



153, 171, 173



140, 157, 174

Sweetspot

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



181, 162, 180



235, 228, 234



163, 162, 181



117, 113, 117



245, 245, 245



117, 117, 117

Same Dimension

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



181, 162, 180



235, 204, 233



181, 162, 171



89, 80, 89



153, 0, 145



26, 0, 24

Inverse Universe

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



181, 162, 180



235, 204, 233



162, 174, 181



89, 80, 89



153, 0, 145



26, 0, 24

Previews

White Background



This preview shows how the RYB color 181, 162, 180 looks on a white background.

Color Contrast Check

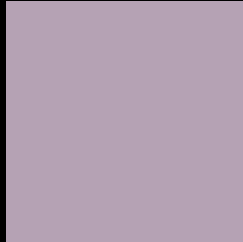
Large Text (above 18pt) WCAG AA × Fail

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 181, 162, 180 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

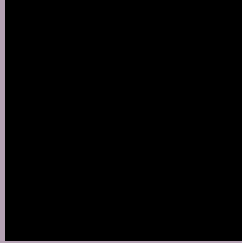
Any Text WCAG AA ✓ Pass

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 181, 162, 180 Background



This preview shows how black text looks on a background with the RYB color 181, 162, 180.



This preview shows how white text looks on a background with the RYB color 181, 162, 180.

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


181, 162, 180

Protanopia

166, 167, 183

Deuteranopia

178, 163, 180



Tritanopia
180, 163, 176

Trichromacy



Original Color

181, 162, 180

Protanomaly

171, 165, 182

Deuteranomaly

179, 163, 180

Tritanomaly

180, 163, 177

Monochromacy



Original Color

181, 162, 180

Achromatopsia

170, 170, 170

Achromatomaly

174, 167, 174

CSS Examples

Text

The CSS property to change the color of the text to RYB 181, 162, 180 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, 162, 180)` looks like.

```
.text, #text, p{  
    color:rgb(181, 162, 180)  
}
```

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, 162, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 162, 180) }
```

Border

The CSS property to change the border of an element to RYB 181, 162, 180 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, 162, 180) }
```

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

```
.border{ border-color:rgb(181, 162, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 162, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 162, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 162, 180);  
box-shadow:4px 4px 4px 4px rgb(181, 162,  
180) }
```

Background

The CSS property to change the background color of an element to RYB 181, 162, 180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 162, 180) }
```

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

```
.background{ background-color: rgb(181,  
162, 180) }
```

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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