

Converting Colors

`RYB(181, 73, 162)`

Have a look what the booklet for
RYB(181, 73, 162) contains.

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Color

R_YB(181, 73, 162)

Conversions

Conversions Part 1

Format	Color
Hex	B549A2
RGB	181, 73, 162
RGB Percent	71%, 29%, 64%
CMY	0.2902, 0.7137, 0.3647
CMYK	0.00, 0.60, 0.10, 0.29
HSL	311°, 43%, 50%
HSV	311°, 60%, 71%
XYZ	27.9602, 17.1975, 36.0282
YIQ	115.4380, 35.7990, 50.5750

Conversions

Conversions Part 2

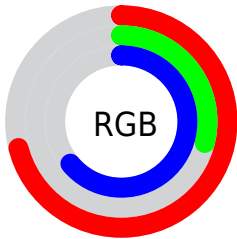
Format	Color
R_{YB}	181, 73, 162
Decimal	11880866
CIE _{Lab}	48.51, 54.48, -27.11
CIE _{LCh}	49, 60.857, 333.544
Yxy	17.1975, 0.3444, 0.2118
Android (android.graphics.Color)	4290070946 (0xFFB549A2)
YUV	115.4380, 22.9551, 57.4979
Hunter-Lab	41.4698, 47.7777, -22.4811

Details

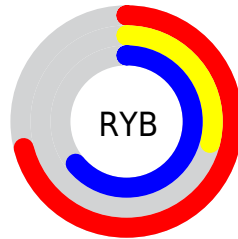
The RYB color **181, 73, 162** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **73, 165, 181**, and the grayscale version is **115, 115, 115**.

A 20% lighter version of the original color is **239, 127, 217**, and **125, 7, 110** is the 20% darker color. If you saturate the color by 10%, you get **181, 55, 159**, and if you desaturate by 10%, it is **181, 91, 165**.

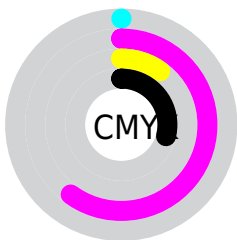
Distribution



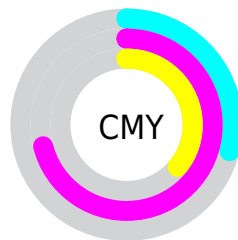
- Red (71%)
- Green (29%)
- Blue (64%)



- Red (71%)
- Yellow (29%)
- Blue (64%)



- Cyan (0%)
- Magenta (60%)
- Yellow (10%)
- Black (29%)



- Cyan (29%)
- Magenta (71%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the RYB color 181, 73, 162 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, 73, 162 by changing the saturation by 10% instead.



181, 73, 162



181, 73, 162

255, 255, 255



153, 45, 136



239, 127, 217



125, 7, 110



255, 155, 246



98, 0, 85



255, 183, 255



72, 0, 62



255, 212, 255



48, 0, 40



255, 241, 255



5, 0, 17



0, 0, 0



181, 73, 162



181, 73, 162



181, 55, 159



181, 91, 165

181, 37, 156

181, 109, 168

181, 19, 152

181, 127, 172

181, 1, 149

181, 145, 175

181, 0, 149

181, 164, 178

181, 182, 182

181, 197, 200

181, 213, 218

181, 228, 236

Harmonies

Analogous

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



122, 99, 202



181, 73, 162



205, 59, 111

Triad

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



181, 73, 162



21, 133, 0



0, 76, 171

Complementary

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



181, 73, 162



73, 165, 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.



0, 74, 138



181, 73, 162



10, 128, 58

Square

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



181, 73, 162



164, 174, 11



0, 91, 135



0, 81, 207

Rectangle

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



181, 73, 162



205, 65, 77



0, 91, 135



0, 73, 155

Sweetspot

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



181, 73, 162



235, 192, 227



91, 73, 181



117, 91, 113



245, 245, 245



117, 117, 117

Same Dimension

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



181, 73, 162



235, 66, 205



181, 73, 109



89, 80, 88



153, 0, 126



26, 0, 21

Inverse Universe

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



181, 73, 162



235, 66, 205



73, 138, 181



89, 80, 88



153, 0, 126



26, 0, 21

Previews

White Background



This preview shows how the RYB color 181, 73, 162 looks on a white background.

Color Contrast Check

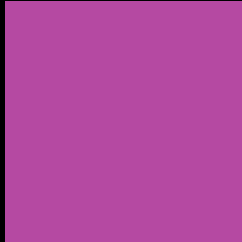
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 181, 73, 162 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

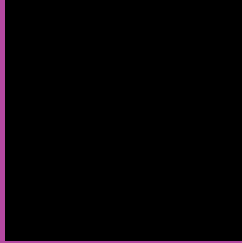
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 181, 73, 162 Background



This preview shows how black text looks on a background with the RYB color 181, 73, 162.

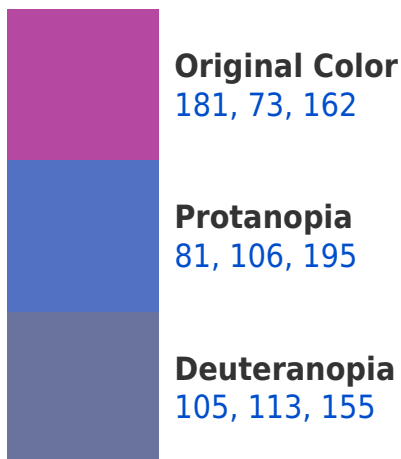


This preview shows how white text looks on a background with the RYB color 181, 73, 162.

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
174, 90, 96

Trichromacy



Original Color
181, 73, 162



Protanomaly
117, 98, 183



Deuteranomaly
133, 99, 158



Tritanomaly
177, 84, 120

Monochromacy



Original Color
181, 73, 162



Achromatopsia
115, 115, 115



Achromatomaly
139, 100, 132

CSS Examples

Text

The CSS property to change the color of the text to RYB 181, 73, 162 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, 73, 162)` looks like.

```
.text, #text, p{  
    color:rgb(181, 73, 162)  
}
```

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, 73, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 73, 162) }
```

Border

The CSS property to change the border of an element to RYB 181, 73, 162 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, 73, 162) }
```

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

```
.border{ border-color:rgb(181, 73, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 73, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(181, 73, 162); -webkit-box-shadow:4px 4px 4px 4px rgb(181, 73, 162); box-shadow:4px 4px 4px 4px rgb(181, 73, 162) }
```

Background

The CSS property to change the background color of an element to RYB 181, 73, 162 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 73, 162) }
```

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

```
.background{ background-color: rgb(181, 73,  
162) }
```

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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