

Converting Colors

`RYB(181, 121, 154)`

Have a look what the booklet for
RYB(181, 121, 154) contains.

RYB(181, 121, 154)	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

$\text{RYB}(181, 121, 154)$

Conversions

Conversions Part 1

Format	Color
Hex	B5799A
RGB	181, 121, 154
RGB Percent	71%, 47%, 60%
CMY	0.2902, 0.5255, 0.3961
CMYK	0.00, 0.33, 0.15, 0.29
HSL	327°, 29%, 59%
HSV	327°, 33%, 71%
XYZ	31.7262, 25.8316, 33.8857
YIQ	142.7020, 25.1670, 22.9830

Conversions

Conversions Part 2

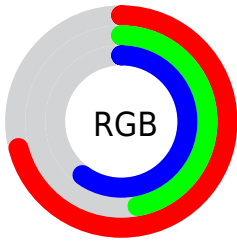
Format	Color
RYB	181, 121, 154
Decimal	11893146
CIELab	57.88, 28.41, -8.16
CIELCh	58, 29.555, 343.972
Yxy	25.8316, 0.3469, 0.2825
Android (android.graphics.Color)	4290083226 (0xFFB5799A)
YUV	142.7020, 5.5699, 33.5873
Hunter-Lab	50.8248, 22.4810, -3.9522

Details

The RYB color **181, 121, 154** is a light color, and the websafe version is hex **996699**. A complement of this color would be **121, 162, 181**, and the grayscale version is **143, 143, 143**.

A 20% lighter version of the original color is **238, 174, 208**, and **127, 71, 103** is the 20% darker color. If you saturate the color by 10%, you get **181, 103, 146**, and if you desaturate by 10%, it is **181, 139, 162**.

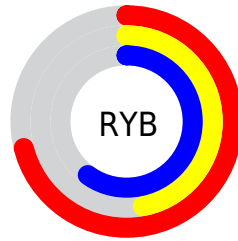
Distribution



Red (71%)

Green (47%)

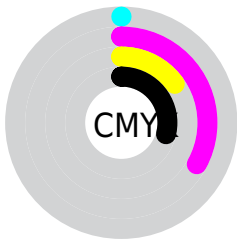
Blue (60%)



Red (71%)

Yellow (47%)

Blue (60%)

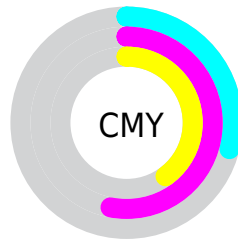


Cyan (0%)

Magenta (33%)

Yellow (15%)

Black (29%)



Cyan (29%)

Magenta (53%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the RYB color 181, 121, 154 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, 121, 154 by changing the saturation by 10% instead.

 181, 121, 154

255, 255, 255

 238, 174, 208

 255, 202, 237


 255, 230, 255

 181, 121, 154

 154, 96, 128

 127, 71, 103


 101, 48, 79

 76, 24, 56


 52, 1, 35

 31, 0, 12


 0, 0, 0


 181, 121, 154


 181, 103, 146


 181, 121, 154


 181, 139, 162


 181, 85, 138


 181, 157, 170

 181, 67, 130


 181, 175, 178

 181, 49, 121


 181, 189, 193

 181, 31, 113


 181, 202, 212

 181, 12, 105

 181, 215, 230

 181, 0, 100

 181, 227, 248

 181, 230, 255

 181, 227, 255

Harmonies

Analogous

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



158, 128, 176



181, 121, 154



190, 120, 128

Triad

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



181, 121, 154



92, 145, 88



48, 105, 174

Complementary

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



181, 121, 154



121, 162, 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.



54, 104, 153



181, 121, 154



101, 148, 133

Square

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



181, 121, 154



156, 169, 90



84, 127, 152



81, 121, 188

Rectangle

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



181, 121, 154



188, 124, 111



84, 127, 152



45, 102, 167

Sweetspot

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



181, 121, 154



235, 211, 224



148, 121, 181



117, 103, 111



245, 245, 245



117, 117, 117

Same Dimension

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



181, 121, 154



235, 141, 192



181, 121, 124



89, 80, 85



153, 0, 84



26, 0, 14

Inverse Universe

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



181, 121, 154



235, 141, 192



121, 152, 181



89, 80, 85



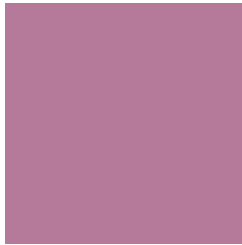
153, 0, 84



26, 0, 14

Previews

White Background



This preview shows how the RYB color 181, 121, 154 looks on a white background.

Color Contrast Check

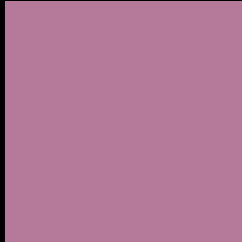
Large Text (above 18pt) WCAG AA ✓ Pass

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, 121, 154 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, 121, 154 Background



This preview shows how black text looks on a background with the RYB color 181, 121, 154.



This preview shows how white text looks on a background with the RYB color 181, 121, 154.

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, 125, 134

Trichromacy



Original Color
181, 121, 154

Protanomaly
151, 132, 161

Deuteranomaly
159, 131, 152

Tritanomaly
180, 124, 141

Monochromacy



Original Color
181, 121, 154

Achromatopsia
143, 143, 143

Achromatomaly
157, 135, 147

CSS Examples

Text

The CSS property to change the color of the text to RYB 181, 121, 154 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, 121, 154)` looks like.

```
.text, #text, p{  
    color:rgb(181, 121, 154)  
}
```

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, 121, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 121, 154) }
```

Border

The CSS property to change the border of an element to RYB 181, 121, 154 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, 121, 154) }
```

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

```
.border{ border-color:rgb(181, 121, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 121, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 121, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 121, 154);  
box-shadow:4px 4px 4px 4px rgb(181, 121,  
154) }
```

Background

The CSS property to change the background color of an element to RYB 181, 121, 154 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 121, 154) }
```

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

```
.background{ background-color: rgb(181,  
121, 154) }
```

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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