

Converting Colors

`RYB(181, 140, 153)`

Have a look what the booklet for RYB(181, 140, 153) contains.

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Color

R_YB(181, 140, 153)

Conversions

Conversions Part 1

Format	Color
Hex	B58C99
RGB	181, 140, 153
RGB Percent	71%, 55%, 60%
CMY	0.2902, 0.4510, 0.4000
CMYK	0.00, 0.23, 0.15, 0.29
HSL	341°, 22%, 63%
HSV	341°, 23%, 71%
XYZ	34.1839, 30.8798, 34.2957
YIQ	153.7410, 20.2630, 12.7350

Conversions

Conversions Part 2

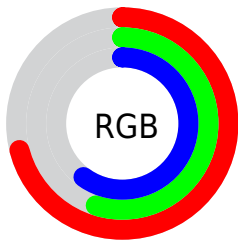
Format	Color
R_{YB}	181, 140, 153
Decimal	11898009
CIE _{Lab}	62.41, 17.62, -0.90
CIE _{LCh}	62, 17.641, 357.089
Yxy	30.8798, 0.3440, 0.3108
Android (android.graphics.Color)	4290088089 (0xFFB58C99)
YUV	153.7410, -0.3653, 23.9061
Hunter-Lab	55.5696, 12.5582, 2.3069

Details

The RYB color **181, 140, 153** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **140, 164, 181**, and the grayscale version is **154, 154, 154**.

A 20% lighter version of the original color is **237, 194, 207**, and **128, 90, 102** is the 20% darker color. If you saturate the color by 10%, you get **181, 122, 141**, and if you desaturate by 10%, it is **181, 158, 165**.

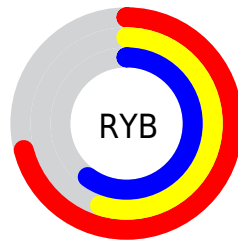
Distribution



Red (71%)

Green (55%)

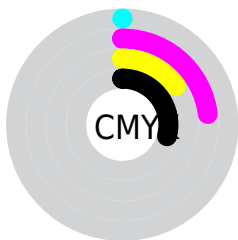
Blue (60%)



Red (71%)

Yellow (55%)

Blue (60%)

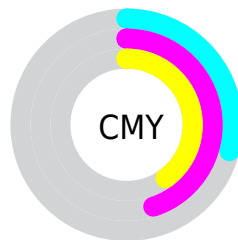


Cyan (0%)

Magenta (23%)

Yellow (15%)

Black (29%)



Cyan (29%)

Magenta (45%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the RYB color 181, 140, 153 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, 140, 153 by changing the saturation by 10% instead.

 181, 140, 153


255, 255, 255

 237, 194, 207

 255, 222, 235

 255, 250, 255

 181, 140, 153

 154, 114, 127

 128, 90, 102


 102, 66, 78


 77, 43, 55


 54, 22, 34

 34, 0, 12


 0, 0, 0


 181, 140, 153


 181, 122, 141


 181, 140, 153


 181, 158, 165


 181, 104, 128


 181, 176, 178

 181, 86, 116


 181, 189, 194

 181, 68, 104


 181, 199, 212


 181, 50, 91


 181, 211, 231


 181, 31, 79


 181, 222, 249

 181, 13, 66

 181, 222, 255

 181, 0, 57

 181, 219, 255

 181, 218, 255

Harmonies

Analogous

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



170, 143, 168



181, 140, 153



183, 141, 137

Triad

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



181, 140, 153



123, 154, 129



114, 140, 177

Complementary

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



181, 140, 153



140, 164, 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.



108, 135, 165



181, 140, 153



130, 155, 158

Square

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



181, 140, 153



145, 165, 120



115, 141, 160



131, 146, 182

Rectangle

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



181, 140, 153



180, 148, 129



115, 141, 160



111, 138, 173

Sweetspot

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



181, 140, 153



235, 218, 223



167, 140, 181



117, 108, 111



245, 245, 245



117, 117, 117

Same Dimension

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



181, 140, 153



235, 171, 191



181, 148, 140



89, 80, 83



153, 0, 49



26, 0, 8

Inverse Universe

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



181, 140, 153



235, 171, 191



140, 159, 181



89, 80, 83



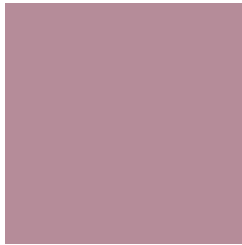
153, 0, 49



26, 0, 8

Previews

White Background



This preview shows how the RYB color 181, 140, 153 looks on a white background.

Color Contrast Check

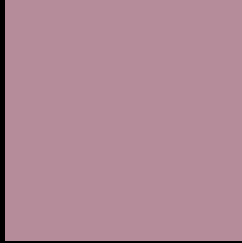
Large Text (above 18pt) WCAG AA × Fail

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, 140, 153 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, 140, 153 Background



This preview shows how black text looks on a background with the RYB color 181, 140, 153.



This preview shows how white text looks on a background with the RYB color 181, 140, 153.

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, 140, 153

Protanopia
152, 150, 159

Deuteranopia
165, 146, 152



Tritanopia
181, 140, 151

Trichromacy



Original Color

181, 140, 153

Protanomaly

163, 146, 157

Deuteranomaly

171, 144, 152

Tritanomaly

181, 140, 152

Monochromacy



Original Color

181, 140, 153

Achromatopsia

154, 154, 154

Achromatomaly

164, 149, 154

CSS Examples

Text

The CSS property to change the color of the text to RYB 181, 140, 153 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, 140, 153) looks like.

```
.text, #text, p{  
    color:rgb(181, 140, 153)  
}
```

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, 140, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 140, 153) }
```

Border

The CSS property to change the border of an element to RYB 181, 140, 153 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, 140, 153) }
```

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

```
.border{ border-color:rgb(181, 140, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 140, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 140, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 140, 153);  
box-shadow:4px 4px 4px 4px rgb(181, 140,  
153) }
```

Background

The CSS property to change the background color of an element to RYB 181, 140, 153 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 140, 153) }
```

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

```
.background{ background-color: rgb(181,  
140, 153) }
```

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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