

Converting Colors

`RYB(181, 133, 144)`

Have a look what the booklet for RYB(181, 133, 144) contains.

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Color

R_YB(181, 133, 144)

Conversions

Conversions Part 1

Format	Color
Hex	B58590
RGB	181, 133, 144
RGB Percent	71%, 52%, 56%
CMY	0.2902, 0.4784, 0.4353
CMYK	0.00, 0.27, 0.20, 0.29
HSL	346°, 24%, 62%
HSV	346°, 27%, 71%
XYZ	32.4776, 28.6124, 30.1966
YIQ	148.6060, 25.0770, 13.5970

Conversions

Conversions Part 2

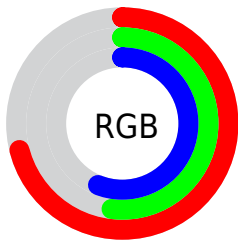
Format	Color
R_{YB}	181, 133, 144
Decimal	11896208
CIE _{Lab}	60.44, 20.08, 1.36
CIE _{LCh}	60, 20.129, 3.886
Yxy	28.6124, 0.3558, 0.3134
Android (android.graphics.Color)	4290086288 (0xFFB58590)
YUV	148.6060, -2.2708, 28.4095
Hunter-Lab	53.4906, 14.7705, 3.9730

Details

The RYB color **181, 133, 144** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **133, 160, 181**, and the grayscale version is **149, 149, 149**.

A 20% lighter version of the original color is **238, 186, 198**, and **127, 83, 94** is the 20% darker color. If you saturate the color by 10%, you get **181, 115, 130**, and if you desaturate by 10%, it is **181, 151, 158**.

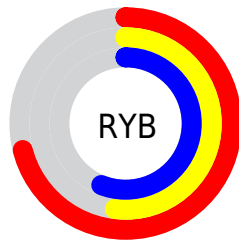
Distribution



Red (71%)

Green (52%)

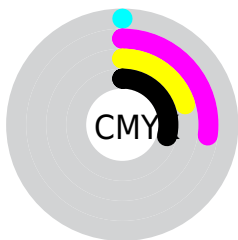
Blue (56%)



Red (71%)

Yellow (52%)

Blue (56%)

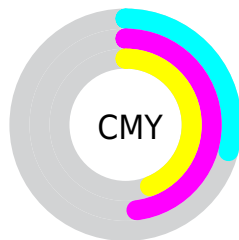


Cyan (0%)

Magenta (27%)

Yellow (20%)

Black (29%)



Cyan (29%)


Magenta (48%)

Yellow (44%)


Brightness & Saturation Gradients

These gradients show how the RYB color 181, 133, 144 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, 133, 144 by changing the saturation by 10% instead.


 181, 133, 144


255, 255, 255

 238, 186, 198

 255, 214, 226

 255, 243, 254


 181, 133, 144

 154, 108, 118

 127, 83, 94

 102, 59, 70

 77, 37, 48


 53, 15, 27


 35, 0, 1


 0, 0, 0


 181, 133, 144


 181, 115, 130


 181, 133, 144

 181, 151, 158


 181, 97, 116

 181, 169, 172


 181, 79, 102


 181, 184, 187

 181, 61, 88


 181, 194, 205

 181, 43, 74


 181, 205, 224

 181, 24, 60

 181, 215, 242

 181, 6, 46

 181, 222, 255

 181, 0, 41

 181, 218, 255

Harmonies

Analogous

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



171, 135, 162



181, 133, 144



181, 136, 127

Triad

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



181, 133, 144



116, 151, 130



106, 134, 177

Complementary

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



181, 133, 144



133, 160, 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.



95, 127, 165



181, 133, 144



117, 144, 154

Square

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



181, 133, 144



126, 157, 110



101, 131, 156



128, 142, 181

Rectangle

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



181, 133, 144



176, 149, 118



101, 131, 156



101, 131, 174

Sweetspot

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



181, 133, 144



235, 216, 220



170, 133, 181



117, 106, 108



245, 245, 245



117, 117, 117

Same Dimension

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



181, 133, 144



235, 160, 177



181, 151, 133



89, 80, 82



153, 0, 35



26, 0, 6

Inverse Universe

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



181, 133, 144



235, 160, 177



133, 153, 181



89, 80, 82



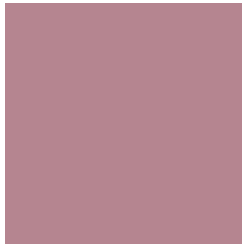
153, 0, 35



26, 0, 6

Previews

White Background



This preview shows how the RYB color 181, 133, 144 looks on a white background.

Color Contrast Check

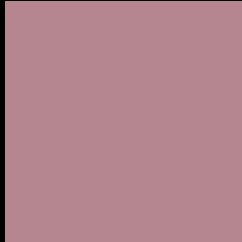
Large Text (above 18pt) WCAG AA ✓ Pass

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, 133, 144 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, 133, 144 Background



This preview shows how black text looks on a background with the RYB color 181, 133, 144.



This preview shows how white text looks on a background with the RYB color 181, 133, 144.

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, 133, 144

Protanopia

147, 145, 151

Deuteranopia

161, 141, 142



Tritanopia
181, 133, 143

Trichromacy



Original Color

181, 133, 144

Protanomaly

159, 141, 148

Deuteranomaly

168, 138, 143

Tritanomaly

181, 133, 143

Monochromacy



Original Color

181, 133, 144

Achromatopsia

149, 149, 149

Achromatomaly

161, 143, 147

CSS Examples

Text

The CSS property to change the color of the text to RYB 181, 133, 144 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, 133, 144) looks like.

```
.text, #text, p{  
    color:rgb(181, 133, 144)  
}
```

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, 133, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 133, 144) }
```

Border

The CSS property to change the border of an element to RYB 181, 133, 144 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, 133, 144) }
```

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

```
.border{ border-color:rgb(181, 133, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 133, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 133, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 133, 144);  
box-shadow:4px 4px 4px 4px rgb(181, 133,  
144) }
```

Background

The CSS property to change the background color of an element to RYB 181, 133, 144 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 133, 144) }
```

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

```
.background{ background-color: rgb(181,  
133, 144) }
```

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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