

Converting Colors

`RYB(177, 144, 195)`

Have a look what the booklet for
RYB(177, 144, 195) contains.

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Color

R_YB(177, 144, 195)

Conversions

Conversions Part 1

Format	Color
Hex	B190C3
RGB	177, 144, 195
RGB Percent	69%, 56%, 76%
CMY	0.3059, 0.4353, 0.2353
CMYK	0.09, 0.26, 0.00, 0.24
HSL	279°, 30%, 66%
HSV	279°, 26%, 76%
XYZ	37.9550, 33.2338, 56.0441
YIQ	159.6810, 3.2970, 22.8570

Conversions

Conversions Part 2

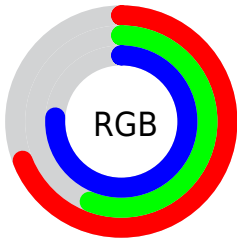
Format	Color
R_{YB}	177, 144, 195
Decimal	11636931
CIE _{Lab}	64.35, 21.86, -21.75
CIE _{LCh}	64, 30.837, 315.149
Yxy	33.2338, 0.2983, 0.2612
Android (android.graphics.Color)	4289827011 (0xFFB190C3)
YUV	159.6810, 17.4123, 15.1888
Hunter-Lab	57.6487, 16.6364, -17.2855

Details

The RYB color **177, 144, 195** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **144, 195, 177**, and the grayscale version is **160, 160, 160**.

A 20% lighter version of the original color is **233, 198, 252**, and **124, 93, 141** is the 20% darker color. If you saturate the color by 10%, you get **170, 125, 195**, and if you desaturate by 10%, it is **184, 163, 195**.

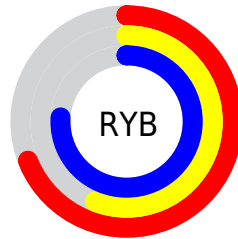
Distribution



Red (69%)

Green (56%)

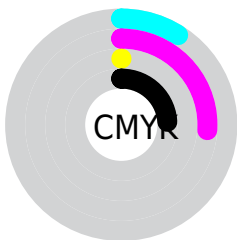
Blue (76%)



Red (69%)

Yellow (56%)

Blue (76%)

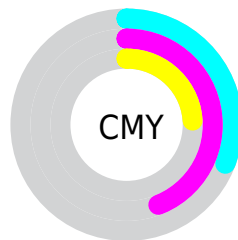


Cyan (9%)

Magenta (26%)

Yellow (0%)

Black (24%)



Cyan (31%)


Magenta (44%)

Yellow (24%)


Brightness & Saturation Gradients

These gradients show how the RYB color 177, 144, 195 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 177, 144, 195 by changing the saturation by 10% instead.

 177, 144, 195

255, 255, 255

 233, 198, 252

 255, 226, 255


 177, 144, 195

 150, 118, 168


 124, 93, 141

 98, 69, 116

 74, 47, 91

 51, 25, 67

 29, 1, 45

 0, 1, 24

 0, 0, 0

 177, 144, 195

 177, 144, 195

■ 170, 125, 195

■ 184, 163, 195

■ 163, 105, 195

■ 191, 183, 195

■ 156, 86, 195

■ 195, 203, 200

■ 149, 66, 195

■ 195, 222, 212

■ 143, 47, 195

■ 195, 242, 226

■ 136, 27, 195

■ 195, 255, 232

■ 129, 8, 195

■ 195, 255, 225

■ 126, 0, 195

■ 195, 255, 218

■ 195, 255, 211

Harmonies

Analogous

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



140, 152, 209



177, 144, 195



202, 137, 171

Triad

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



177, 144, 195



169, 187, 103



68, 120, 171

Complementary

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



177, 144, 195



144, 195, 177

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.



97, 143, 170



177, 144, 195



104, 161, 102

Square

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



177, 144, 195



205, 149, 118



116, 166, 152



64, 122, 194

Rectangle

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



177, 144, 195



209, 135, 152



116, 166, 152



76, 126, 171

Sweetspot

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



177, 144, 195



245, 232, 252



144, 158, 195



123, 115, 128



0, 0, 0



128, 128, 128

Same Dimension

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



177, 144, 195



225, 174, 252



195, 144, 188



93, 87, 97



104, 0, 161



21, 0, 33

Inverse Universe

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



195, 144, 162



252, 174, 202



144, 189, 195



97, 87, 91



161, 0, 57



33, 0, 12

Previews

White Background



This preview shows how the RYB color 177, 144, 195 looks on a white background.

Color Contrast Check

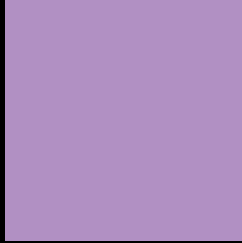
Large Text (above 18pt) WCAG AA × Fail

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 177, 144, 195 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 177, 144, 195 Background



This preview shows how black text looks on a background with the RYB color 177, 144, 195.



This preview shows how white text looks on a background with the RYB color 177, 144, 195.

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
177, 144, 195

Protanopia
144, 153, 202

Deuteranopia
152, 153, 193



Tritanopia
172, 150, 162

Trichromacy



Original Color
177, 144, 195

Protanomaly
156, 150, 199

Deuteranomaly
161, 150, 194

Tritanomaly
174, 148, 174

Monochromacy



Original Color
177, 144, 195

Achromatopsia
160, 160, 160

Achromatomaly
166, 154, 173

CSS Examples

Text

The CSS property to change the color of the text to RGB 177, 144, 195 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(177, 144, 195) looks like.

```
.text, #text, p{  
    color:rgb(177, 144, 195)  
}
```

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(177, 144, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 144, 195) }
```

Border

The CSS property to change the border of an element to RYB 177, 144, 195 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(177, 144, 195) }
```

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

```
.border{ border-color:rgb(177, 144, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 144, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 144, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 144, 195);  
box-shadow:4px 4px 4px 4px rgb(177, 144,  
195) }
```

Background

The CSS property to change the background color of an element to RYB 177, 144, 195 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 144, 195) }
```

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

```
.background{ background-color: rgb(177,  
144, 195) }
```

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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