

Converting Colors

`RYB(177, 144, 169)`

Have a look what the booklet for RYB(177, 144, 169) contains.

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Color

R_YB(177, 144, 169)

Conversions

Conversions Part 1

Format	Color
Hex	B190A9
RGB	177, 144, 169
RGB Percent	69%, 56%, 66%
CMY	0.3059, 0.4353, 0.3373
CMYK	0.00, 0.19, 0.05, 0.31
HSL	315°, 17%, 63%
HSV	315°, 19%, 69%
XYZ	35.2662, 32.1582, 41.8845
YIQ	156.7170, 11.6430, 14.7710

Conversions

Conversions Part 2

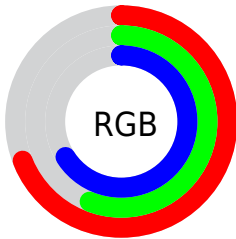
Format	Color
RYB	177, 144, 169
Decimal	11636905
CIELab	63.47, 16.73, -8.43
CIELCh	63, 18.735, 333.254
Yxy	32.1582, 0.3226, 0.2942
Android (android.graphics.Color)	4289826985 (0xFFB190A9)
YUV	156.7170, 6.0555, 17.7882
Hunter-Lab	56.7082, 11.7677, -4.0957

Details

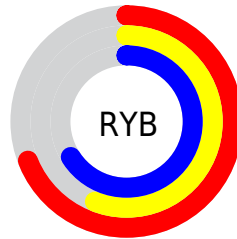
The RYB color **177, 144, 169** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **144, 171, 177**, and the grayscale version is **157, 157, 157**.

A 20% lighter version of the original color is **233, 198, 224**, and **124, 93, 117** is the 20% darker color. If you saturate the color by 10%, you get **177, 126, 165**, and if you desaturate by 10%, it is **177, 162, 173**.

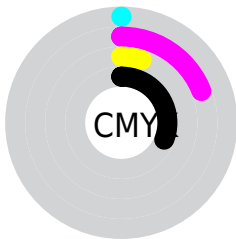
Distribution



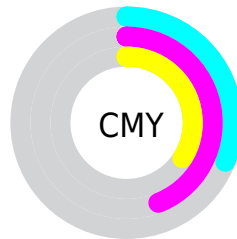
- Red (69%)
- Green (56%)
- Blue (66%)



- Red (69%)
- Yellow (56%)
- Blue (66%)



- Cyan (0%)
- Magenta (19%)
- Yellow (5%)
- Black (31%)



- Cyan (31%)
- Magenta (44%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the RYB color 177, 144, 169 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, 169 by changing the saturation by 10% instead.


 177, 144, 169

255, 255, 255

 233, 198, 224

 255, 226, 253

 177, 144, 169

 150, 118, 143

 124, 93, 117


 99, 70, 92

 75, 47, 69


 52, 26, 46


 32, 0, 26

 0, 0, 0

 177, 144, 169

 177, 126, 165

 177, 144, 169

 177, 162, 173

177, 109, 160

177, 178, 179

177, 91, 156

177, 193, 197

177, 73, 152

177, 208, 215

177, 56, 148

177, 222, 233

177, 38, 143

177, 236, 250

177, 20, 139

177, 238, 255

177, 2, 135

177, 236, 255

177, 0, 134

177, 233, 255

Harmonies

Analogous

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



159, 149, 182



177, 144, 169



187, 142, 152

Triad

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



177, 144, 169



138, 165, 121



108, 137, 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, 169



144, 171, 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.



113, 140, 163



177, 144, 169



126, 158, 138

Square

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



177, 144, 169



179, 167, 124



127, 154, 162



117, 143, 183

Rectangle

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



177, 144, 169



188, 142, 141



127, 154, 162



108, 136, 166

Sweetspot

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



177, 144, 169



230, 216, 226



152, 144, 177



115, 107, 113



242, 242, 242



115, 115, 115

Same Dimension

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



177, 144, 169



230, 179, 217



177, 144, 153



89, 80, 87



153, 0, 116



26, 0, 19

Inverse Universe

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



177, 144, 169



230, 179, 217



144, 163, 177



89, 80, 87



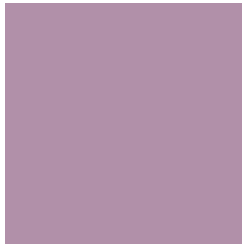
153, 0, 116



26, 0, 19

Previews

White Background



This preview shows how the RYB color 177, 144, 169 looks on a white background.

Color Contrast Check

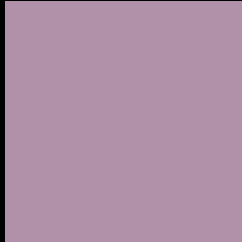
Large Text (above 18pt) WCAG AA × Fail

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, 169 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

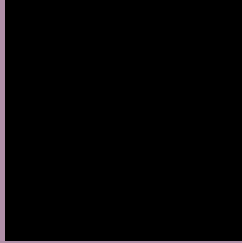
Any Text WCAG AA ✓ Pass

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, 169 Background



This preview shows how black text looks on a background with the RYB color 177, 144, 169.



This preview shows how white text looks on a background with the RYB color 177, 144, 169.

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, 169

Protanopia
150, 153, 175

Deuteranopia
162, 150, 168



Tritanopia
175, 146, 157

Trichromacy



Original Color
177, 144, 169

Protanomaly
160, 150, 173

Deuteranomaly
167, 148, 168

Tritanomaly
176, 145, 161

Monochromacy



Original Color
177, 144, 169

Achromatopsia
157, 157, 157

Achromatomaly
164, 152, 161

CSS Examples

Text

The CSS property to change the color of the text to RYB 177, 144, 169 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, 169) looks like.

```
.text, #text, p{  
    color:rgb(177, 144, 169)  
}
```

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, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 144, 169) }
```

Border

The CSS property to change the border of an element to RYB 177, 144, 169 is called "border". The border property can be set on classes, ids or directly on the HTML element.

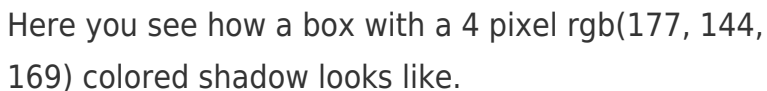
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(177, 144, 169) }
```

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

```
.border{ border-color:rgb(177, 144, 169) }
```

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, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(177, 144, 169); -webkit-box-shadow:4px 4px 4px 4px rgb(177, 144, 169); box-shadow:4px 4px 4px 4px rgb(177, 144, 169) }
```

Background

The CSS property to change the background color of an element to RYB 177, 144, 169 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, 169) }
```

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

```
.background{ background-color: rgb(177,  
144, 169) }
```

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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