

Converting Colors

`RYB(182, 149, 182)`

Have a look what the booklet for
RYB(182, 149, 182) contains.

RYB(182, 149, 182)	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

R_YB(182, 149, 182)

Conversions

Conversions Part 1

Format	Color
Hex	B695B6
RGB	182, 149, 182
RGB Percent	71%, 58%, 71%
CMY	0.2863, 0.4157, 0.2863
CMYK	0.00, 0.18, 0.00, 0.29
HSL	300°, 18%, 65%
HSV	300°, 18%, 71%
XYZ	38.4823, 34.8174, 48.9482
YIQ	162.6290, 9.0750, 17.2590

Conversions

Conversions Part 2

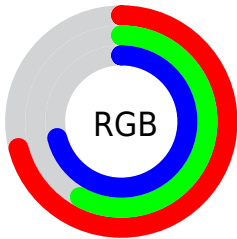
Format	Color
R_{YB}	182, 149, 182
Decimal	11965878
CIE _{Lab}	65.61, 18.14, -12.51
CIE _{LCh}	66, 22.038, 325.413
Yxy	34.8174, 0.3148, 0.2848
Android (android.graphics.Color)	4290155958 (0xFFB695B6)
YUV	162.6290, 9.5499, 16.9884
Hunter-Lab	59.0062, 13.1521, -7.8792

Details

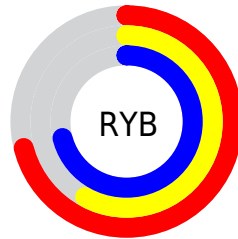
The RYB color **182, 149, 182** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **149, 182, 182**, and the grayscale version is **163, 163, 163**.

A 20% lighter version of the original color is **238, 203, 238**, and **129, 98, 129** is the 20% darker color. If you saturate the color by 10%, you get **182, 131, 182**, and if you desaturate by 10%, it is **182, 167, 182**.

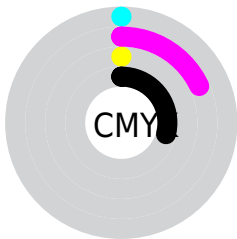
Distribution



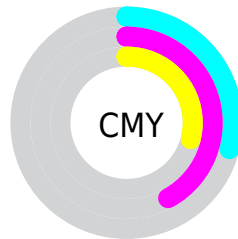
- Red (71%)
- Green (58%)
- Blue (71%)



- Red (71%)
- Yellow (58%)
- Blue (71%)



- Cyan (0%)
- Magenta (18%)
- Yellow (0%)
- Black (29%)



- Cyan (29%)
- Magenta (42%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the RYB color 182, 149, 182 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 182, 149, 182 by changing the saturation by 10% instead.

 182, 149, 182

 182, 149, 182


255, 255, 255

 155, 123, 155

 238, 203, 238

 129, 98, 129

 255, 231, 255

 103, 74, 104

 79, 51, 80

 56, 29, 57

 34, 7, 35

 0, 0, 12


 0, 0, 0

 182, 149, 182

 182, 149, 182

 182, 131, 182

 182, 167, 182

 182, 113, 182

 182, 185, 185

 182, 94, 182

 182, 204, 204

 182, 76, 182

 182, 222, 222

 182, 58, 182

 182, 240, 240

 182, 40, 182

 182, 255, 255

 182, 22, 182

 182, 3, 182

 182, 0, 182

Harmonies

Analogous

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



159, 155, 195



182, 149, 182



196, 145, 163

Triad

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



182, 149, 182



151, 177, 120



103, 138, 176

Complementary

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



182, 149, 182



149, 182, 182

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, 146, 170



182, 149, 182



123, 163, 130

Square

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



182, 149, 182



193, 164, 128



134, 166, 168



110, 143, 191

Rectangle

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



182, 149, 182



200, 145, 150



134, 166, 168



105, 139, 171

Sweetspot

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



182, 149, 182



237, 225, 237



149, 149, 182



120, 113, 120



247, 247, 247



120, 120, 120

Same Dimension

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



182, 149, 182



237, 185, 237



182, 149, 166



92, 83, 92



156, 0, 156



28, 0, 28

Inverse Universe

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



182, 149, 182



237, 185, 237



149, 171, 182



92, 83, 92



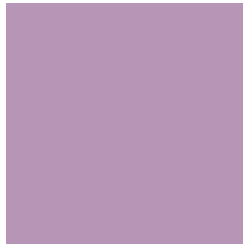
156, 0, 156



28, 0, 28

Previews

White Background



This preview shows how the RYB color 182, 149, 182 looks on a white background.

Color Contrast Check

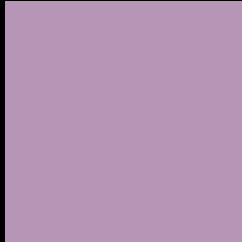
Large Text (above 18pt) WCAG AA × Fail

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 182, 149, 182 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

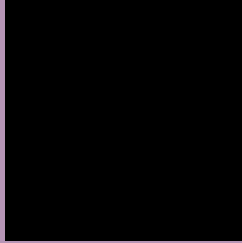
Any Text WCAG AA ✓ Pass

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 182, 149, 182 Background



This preview shows how black text looks on a background with the RYB color 182, 149, 182.



This preview shows how white text looks on a background with the RYB color 182, 149, 182.

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
182, 149, 182

Protanopia
154, 158, 188

Deuteranopia
165, 155, 181



Tritanopia
179, 152, 164

Trichromacy



Original Color

182, 149, 182

Protanomaly

164, 155, 186

Deuteranomaly

171, 153, 181

Tritanomaly

180, 151, 171

Monochromacy



Original Color

182, 149, 182

Achromatopsia

163, 163, 163

Achromatomaly

170, 158, 170

CSS Examples

Text

The CSS property to change the color of the text to RYB 182, 149, 182 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(182, 149, 182)` looks like.

```
.text, #text, p{  
    color:rgb(182, 149, 182)  
}
```

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(182, 149, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 149, 182) }
```

Border

The CSS property to change the border of an element to RYB 182, 149, 182 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(182, 149, 182) }
```

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

```
.border{ border-color:rgb(182, 149, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 149, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 149, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 149, 182);  
box-shadow:4px 4px 4px 4px rgb(182, 149,  
182) }
```

Background

The CSS property to change the background color of an element to RYB 182, 149, 182 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 149, 182) }
```

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

```
.background{ background-color: rgb(182,  
149, 182) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor