

Converting Colors

`RYB(185, 149, 161)`

Have a look what the booklet for
RYB(185, 149, 161) contains.

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Color

$\text{RYB}(185, 149, 161)$

Conversions

Conversions Part 1

Format	Color
Hex	B995A1
RGB	185, 149, 161
RGB Percent	73%, 58%, 63%
CMY	0.2745, 0.4157, 0.3686
CMYK	0.00, 0.19, 0.13, 0.27
HSL	340°, 20%, 65%
HSV	340°, 19%, 73%
XYZ	37.1881, 34.3824, 38.3947
YIQ	161.1320, 17.6040, 11.3640

Conversions

Conversions Part 2

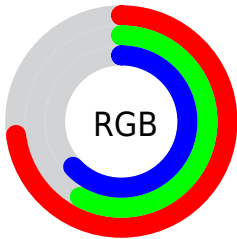
Format	Color
R_{YB}	185, 149, 161
Decimal	12162465
CIE _{Lab}	65.26, 15.42, -1.19
CIE _{LCh}	65, 15.466, 355.605
Yxy	34.3824, 0.3382, 0.3127
Android (android.graphics.Color)	4290352545 (0xFFB995A1)
YUV	161.1320, -0.0651, 20.9322
Hunter-Lab	58.6365, 10.5932, 2.2230

Details

The RYB color **185, 149, 161** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **149, 171, 185**, and the grayscale version is **161, 161, 161**.

A 20% lighter version of the original color is **241, 203, 216**, and **131, 98, 110** is the 20% darker color. If you saturate the color by 10%, you get **185, 131, 149**, and if you desaturate by 10%, it is **185, 168, 173**.

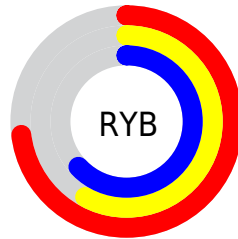
Distribution



Red (73%)

Green (58%)

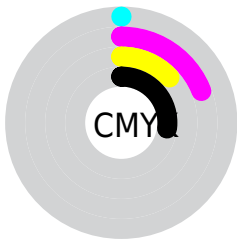
Blue (63%)



Red (73%)

Yellow (58%)

Blue (63%)

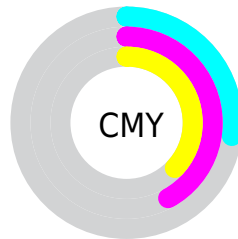


Cyan (0%)

Magenta (19%)

Yellow (13%)

Black (27%)



Cyan (27%)

Magenta (42%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the RYB color 185, 149, 161 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 185, 149, 161 by changing the saturation by 10% instead.


 185, 149, 161


255, 255, 255

 241, 203, 216


 255, 231, 244

 185, 149, 161

 158, 123, 135

 131, 98, 110

 106, 74, 85

 81, 51, 62

 58, 30, 40

 36, 7, 20

 0, 0, 0

 185, 149, 161

 185, 131, 149

 185, 149, 161

 185, 168, 173

 185, 112, 136

 185, 186, 186

 185, 94, 124

 185, 197, 205

 185, 75, 112

 185, 208, 223

 185, 57, 99

 185, 219, 242

 185, 38, 87

 185, 226, 255

 185, 20, 75

 185, 222, 255

 185, 1, 62

 185, 220, 255

 185, 0, 62

Harmonies

Analogous

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



175, 151, 174



185, 149, 161



188, 149, 147

Triad

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



185, 149, 161



133, 161, 138



127, 149, 181

Complementary

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



185, 149, 161



149, 171, 185

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.



122, 145, 170



185, 149, 161



141, 164, 165

Square

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



185, 149, 161



153, 171, 131



128, 150, 166



141, 154, 186

Rectangle

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



185, 149, 161



185, 155, 139



128, 150, 166



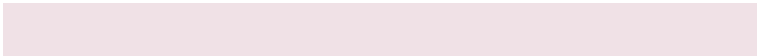
124, 147, 178

Sweetspot

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



185, 149, 161



240, 225, 230



173, 149, 185



120, 111, 114



247, 247, 247



120, 120, 120

Same Dimension

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



185, 149, 161



240, 185, 203



185, 156, 149



92, 83, 86



156, 0, 52



28, 0, 9

Inverse Universe

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



185, 149, 161



240, 185, 203



149, 165, 185



92, 83, 86



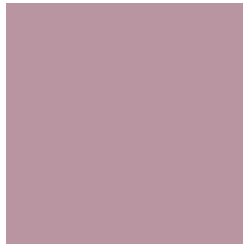
156, 0, 52



28, 0, 9

Previews

White Background



This preview shows how the RYB color 185, 149, 161 looks on a white background.

Color Contrast Check

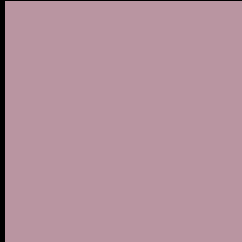
Large Text (above 18pt) WCAG AA × Fail

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 185, 149, 161 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

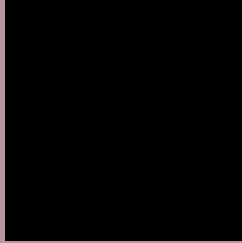
Any Text WCAG AA ✓ Pass

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](#).

RYP 185, 149, 161 Background



This preview shows how black text looks on a background with the RYB color 185, 149, 161.



This preview shows how white text looks on a background with the RYB color 185, 149, 161.

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
185, 149, 161

Protanopia
159, 158, 166

Deuteranopia
173, 154, 160



Tritanopia
185, 149, 161

Trichromacy



Original Color

185, 149, 161

Protanomaly

168, 155, 164

Deuteranomaly

177, 152, 160

Tritanomaly

185, 149, 161

Monochromacy



Original Color

185, 149, 161

Achromatopsia

161, 161, 161

Achromatomaly

170, 157, 161

CSS Examples

Text

The CSS property to change the color of the text to RYB 185, 149, 161 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(185, 149, 161) looks like.

```
.text, #text, p{  
    color:rgb(185, 149, 161)  
}
```

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(185, 149, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 149, 161) }
```

Border

The CSS property to change the border of an element to RYB 185, 149, 161 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(185, 149, 161) }
```

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

```
.border{ border-color:rgb(185, 149, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 149, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(185, 149, 161); -webkit-box-shadow:4px 4px 4px 4px rgb(185, 149, 161); box-shadow:4px 4px 4px 4px rgb(185, 149, 161) }
```

Background

The CSS property to change the background color of an element to RYB 185, 149, 161 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 149, 161) }
```

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

```
.background{ background-color: rgb(185,  
149, 161) }
```

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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