

Converting Colors

`RYB(171, 131, 149)`

Have a look what the booklet for
RYB(171, 131, 149) contains.

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Color

R_YB(171, 131, 149)

Conversions

Conversions Part 1

Format	Color
Hex	AB8395
RGB	171, 131, 149
RGB Percent	67%, 51%, 58%
CMY	0.3294, 0.4863, 0.4157
CMYK	0.00, 0.23, 0.13, 0.33
HSL	333°, 19%, 59%
HSV	333°, 23%, 67%
XYZ	30.3357, 27.0605, 32.0581
YIQ	145.0120, 18.0620, 14.0780

Conversions

Conversions Part 2

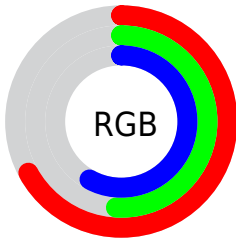
Format	Color
R_{YB}	171, 131, 149
Decimal	11240341
CIE Lab	59.03, 18.29, -3.69
CIE LCh	59, 18.660, 348.595
Yxy	27.0605, 0.3391, 0.3025
Android (android.graphics.Color)	4289430421 (0xFFAB8395)
YUV	145.0120, 1.9661, 22.7915
Hunter-Lab	52.0197, 13.0594, -0.1248

Details

The RYB color **171, 131, 149** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **131, 157, 171**, and the grayscale version is **145, 145, 145**.

A 20% lighter version of the original color is **227, 184, 203**, and **118, 81, 98** is the 20% darker color. If you saturate the color by 10%, you get **171, 114, 140**, and if you desaturate by 10%, it is **171, 148, 158**.

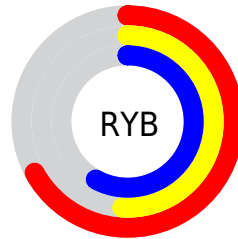
Distribution



Red (67%)

Green (51%)

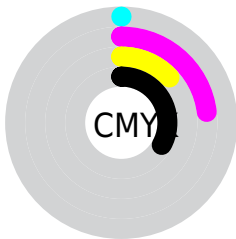
Blue (58%)



Red (67%)

Yellow (51%)

Blue (58%)

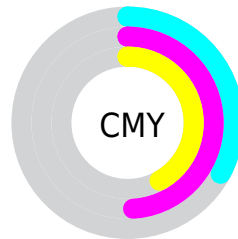


Cyan (0%)

Magenta (23%)

Yellow (13%)

Black (33%)



Cyan (33%)


Magenta (49%)

Yellow (42%)


Brightness & Saturation Gradients

These gradients show how the RYB color 171, 131, 149 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 171, 131, 149 by changing the saturation by 10% instead.


 171, 131, 149


255, 255, 255

 227, 184, 203


 255, 212, 231

 255, 240, 255

 171, 131, 149

 144, 106, 123

 118, 81, 98

 93, 58, 75

 69, 36, 52


 46, 15, 31


 26, 0, 6


 0, 0, 0


 171, 131, 149


 171, 114, 140


 171, 131, 149


 171, 148, 158


 171, 97, 130


 171, 165, 168


 171, 80, 121

 171, 178, 182

 171, 63, 111


 171, 189, 199


 171, 45, 102

 171, 200, 216

 171, 28, 93

 171, 212, 234

 171, 11, 83

 171, 223, 251

 171, 0, 77

 171, 223, 255

 171, 219, 255

Harmonies

Analogous

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



157, 135, 164



171, 131, 149



176, 131, 132

Triad

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



171, 131, 149



111, 144, 111



99, 128, 166

Complementary

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



171, 131, 149



131, 157, 171

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, 124, 152



171, 131, 149



120, 149, 144

Square

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



171, 131, 149



146, 160, 110



108, 134, 151



115, 135, 174

Rectangle

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



171, 131, 149



174, 134, 122



108, 134, 151



97, 126, 162

Sweetspot

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



171, 131, 149



222, 206, 213



153, 131, 171



112, 103, 107



240, 240, 240



112, 112, 112

Same Dimension

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



171, 131, 149



222, 160, 188



171, 132, 131



87, 78, 82



150, 0, 68



23, 0, 10

Inverse Universe

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



171, 131, 149



222, 160, 188



131, 150, 171



87, 78, 82



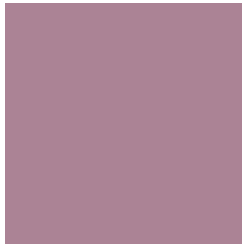
150, 0, 68



23, 0, 10

Previews

White Background



This preview shows how the RYB color 171, 131, 149 looks on a white background.

Color Contrast Check

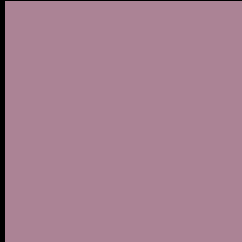
Large Text (above 18pt) WCAG AA ✓ Pass

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 171, 131, 149 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

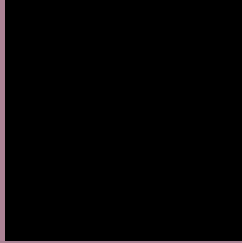
Any Text WCAG AA ✓ Pass

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](#).

RYP 171, 131, 149 Background



This preview shows how black text looks on a background with the RYB color 171, 131, 149.



This preview shows how white text looks on a background with the RYB color 171, 131, 149.

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
171, 131, 149

Protanopia
141, 141, 155

Deuteranopia
154, 138, 148



Tritanopia
170, 132, 142

Trichromacy



Original Color
171, 131, 149

Protanomaly
152, 137, 153

Deuteranomaly
160, 135, 148

Tritanomaly
170, 132, 145

Monochromacy



Original Color
171, 131, 149

Achromatopsia
145, 145, 145

Achromatomaly
154, 140, 146

CSS Examples

Text

The CSS property to change the color of the text to RYB 171, 131, 149 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(171, 131, 149) looks like.

```
.text, #text, p{  
    color:rgb(171, 131, 149)  
}
```

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(171, 131, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 131, 149) }
```

Border

The CSS property to change the border of an element to RYB 171, 131, 149 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(171, 131, 149) }
```

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

```
.border{ border-color:rgb(171, 131, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 131, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 131, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 131, 149);  
box-shadow:4px 4px 4px 4px rgb(171, 131,  
149) }
```

Background

The CSS property to change the background color of an element to RYB 171, 131, 149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 131, 149) }
```

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

```
.background{ background-color: rgb(171,  
131, 149) }
```

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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