

Converting Colors

`RYB(170, 109, 141)`

Have a look what the booklet for
RYB(170, 109, 141) contains.

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Color

R_YB(170, 109, 141)

Conversions

Conversions Part 1

Format	Color
Hex	AA6D8D
RGB	170, 109, 141
RGB Percent	67%, 43%, 55%
CMY	0.3333, 0.5725, 0.4471
CMYK	0.00, 0.36, 0.17, 0.33
HSL	329°, 26%, 55%
HSV	329°, 36%, 67%
XYZ	26.8539, 21.4064, 27.9158
YIQ	130.8870, 26.0840, 22.8840

Conversions

Conversions Part 2

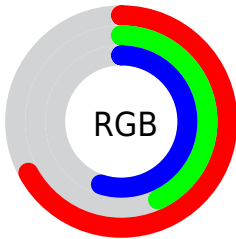
Format	Color
R _Y B	170, 109, 141
Decimal	11169165
CIE Lab	53.39, 28.99, -7.42
CIE LCh	53, 29.922, 345.652
Yxy	21.4064, 0.3525, 0.2810
Android (android.graphics.Color)	4289359245 (0xFFAA6D8D)
YUV	130.8870, 4.9857, 34.3021
Hunter-Lab	46.2671, 22.6360, -3.3864

Details

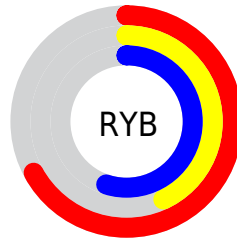
The RYB color **170, 109, 141** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **109, 150, 170**, and the grayscale version is **131, 131, 131**.

A 20% lighter version of the original color is **226, 161, 195**, and **116, 60, 91** is the 20% darker color. If you saturate the color by 10%, you get **170, 92, 133**, and if you desaturate by 10%, it is **170, 126, 149**.

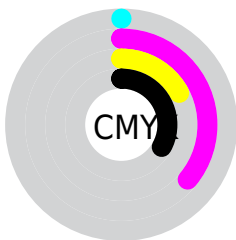
Distribution



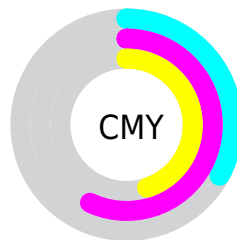
- Red (67%)
- Green (43%)
- Blue (55%)



- Red (67%)
- Yellow (43%)
- Blue (55%)



- Cyan (0%)
- Magenta (36%)
- Yellow (17%)
- Black (33%)



- Cyan (33%)
- Magenta (57%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the RYB color 170, 109, 141 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 170, 109, 141 by changing the saturation by 10% instead.

 170, 109, 141


255, 255, 255

 226, 161, 195

 255, 189, 223


 255, 217, 251


 255, 245, 255

 170, 109, 141

 143, 84, 115

 116, 60, 91


 91, 36, 67

 66, 12, 45


 44, 0, 25


 1, 0, 0


 0, 0, 0


 170, 109, 141


 170, 92, 133


 170, 109, 141


 170, 126, 149

 170, 75, 125


 170, 143, 157


 170, 58, 117

 170, 160, 165


 170, 41, 109

 170, 175, 177

 170, 24, 101

 170, 186, 194

 170, 7, 93

 170, 198, 211

 170, 0, 89

 170, 209, 228

 170, 221, 245

 170, 226, 255

Harmonies

Analogous

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



147, 116, 164



170, 109, 141



178, 108, 115

Triad

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



170, 109, 141



78, 131, 77



27, 89, 164

Complementary

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



170, 109, 141



109, 150, 170

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.



34, 88, 141



170, 109, 141



91, 137, 126

Square

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



170, 109, 141



136, 155, 78



70, 114, 141



69, 110, 177

Rectangle

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



170, 109, 141



176, 113, 99



70, 114, 141



21, 84, 157

Sweetspot

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



170, 109, 141



222, 197, 210



137, 109, 170



112, 98, 105



240, 240, 240



112, 112, 112

Same Dimension

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



170, 109, 141



222, 126, 176



170, 109, 111



84, 76, 80



148, 0, 78



20, 0, 11

Inverse Universe

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



170, 109, 141



222, 126, 176



109, 140, 170



84, 76, 80



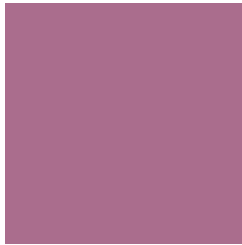
148, 0, 78



20, 0, 11

Previews

White Background



This preview shows how the RYB color 170, 109, 141 looks on a white background.

Color Contrast Check

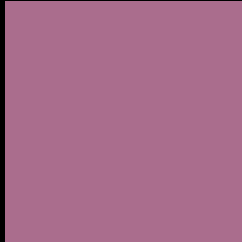
Large Text (above 18pt) WCAG AA ✓ Pass

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 170, 109, 141 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

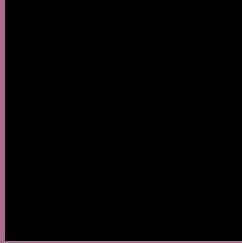
Any Text WCAG AA ✓ Pass

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](#).

RYB 170, 109, 141 Background



This preview shows how black text looks on a background with the RYB color 170, 109, 141.



This preview shows how white text looks on a background with the RYB color 170, 109, 141.

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
170, 109, 141

Protanopia
123, 127, 153

Deuteranopia
136, 124, 138



Tritanopia
168, 113, 121

Trichromacy



Original Color
170, 109, 141

Protanomaly
140, 120, 149

Deuteranomaly
148, 119, 139

Tritanomaly
169, 112, 128

Monochromacy



Original Color
170, 109, 141

Achromatopsia
131, 131, 131

Achromatomaly
145, 123, 135

CSS Examples

Text

The CSS property to change the color of the text to RYB 170, 109, 141 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(170, 109, 141) looks like.

```
.text, #text, p{  
    color:rgb(170, 109, 141)  
}
```

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(170, 109, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 109, 141) }
```

Border

The CSS property to change the border of an element to RYB 170, 109, 141 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(170, 109, 141) }
```

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

```
.border{ border-color:rgb(170, 109, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 109, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 109, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 109, 141);  
box-shadow:4px 4px 4px 4px rgb(170, 109,  
141) }
```

Background

The CSS property to change the background color of an element to RYB 170, 109, 141 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 109, 141) }
```

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

```
.background{ background-color: rgb(170,  
109, 141) }
```

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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