

Converting Colors

`RYB(176, 103, 141)`

Have a look what the booklet for
RYB(176, 103, 141) contains.

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Color

R_YB(176, 103, 141)

Conversions

Conversions Part 1

Format	Color
Hex	B0678D
RGB	176, 103, 141
RGB Percent	69%, 40%, 55%
CMY	0.3098, 0.5961, 0.4471
CMYK	0.00, 0.41, 0.20, 0.31
HSL	329°, 32%, 55%
HSV	329°, 41%, 69%
XYZ	27.5625, 20.8537, 27.7718
YIQ	129.1590, 31.3100, 27.2940

Conversions

Conversions Part 2

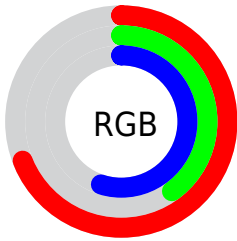
Format	Color
R _Y B	176, 103, 141
Decimal	11560845
CIE Lab	52.79, 34.45, -8.23
CIE LCh	53, 35.417, 346.555
Yxy	20.8537, 0.3618, 0.2737
Android (android.graphics.Color)	4289750925 (0xFFB0678D)
YUV	129.1590, 5.8376, 41.0796
Hunter-Lab	45.6658, 27.8218, -4.0912

Details

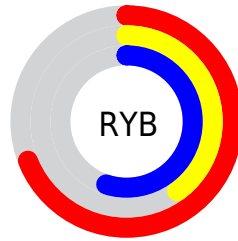
The RYB color **176, 103, 141** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **103, 152, 176**, and the grayscale version is **129, 129, 129**.

A 20% lighter version of the original color is **233, 155, 195**, and **122, 53, 91** is the 20% darker color. If you saturate the color by 10%, you get **176, 85, 133**, and if you desaturate by 10%, it is **176, 121, 149**.

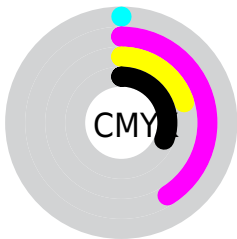
Distribution



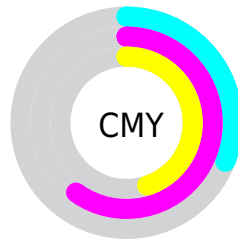
- Red (69%)
- Green (40%)
- Blue (55%)



- Red (69%)
- Yellow (40%)
- Blue (55%)



- Cyan (0%)
- Magenta (41%)
- Yellow (20%)
- Black (31%)



- Cyan (31%)
- Magenta (60%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the RYB color 176, 103, 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 176, 103, 141 by changing the saturation by 10% instead.

 176, 103, 141

255, 255, 255

 233, 155, 195

 255, 183, 223

 255, 211, 251

 255, 239, 255

 176, 103, 141

 148, 78, 115

 122, 53, 91

 96, 29, 67

 70, 1, 45

 47, 0, 25

 9, 0, 0

 0, 0, 0

 176, 103, 141

 176, 85, 133

 176, 103, 141

 176, 121, 149

176, 68, 124

176, 138, 158

176, 50, 116

176, 156, 166

176, 33, 107

176, 173, 175

176, 15, 99

176, 186, 191

176, 0, 92

176, 198, 209

176, 210, 226

176, 222, 244

176, 228, 255

Harmonies

Analogous

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



150, 112, 168



176, 103, 141



184, 102, 110

Triad

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



176, 103, 141



66, 130, 68



0, 76, 169

Complementary

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



176, 103, 141



103, 152, 176

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.



0, 71, 142



176, 103, 141



83, 137, 126

Square

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



176, 103, 141



131, 157, 66



50, 104, 141



45, 99, 185

Rectangle

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



176, 103, 141



181, 109, 91



50, 104, 141



0, 75, 161

Sweetspot

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



176, 103, 141



230, 202, 216



137, 103, 176



115, 99, 107



242, 242, 242



115, 115, 115

Same Dimension

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



176, 103, 141



230, 115, 174



176, 103, 105



89, 80, 85



153, 0, 80



26, 0, 13

Inverse Universe

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



176, 103, 141



230, 115, 174



103, 140, 176



89, 80, 85



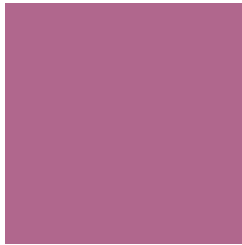
153, 0, 80



26, 0, 13

Previews

White Background



This preview shows how the RYB color 176, 103, 141 looks on a white background.

Color Contrast Check

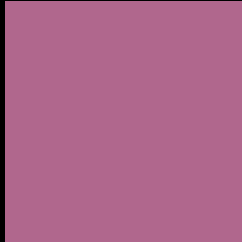
Large Text (above 18pt) WCAG AA ✓ Pass

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 176, 103, 141 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

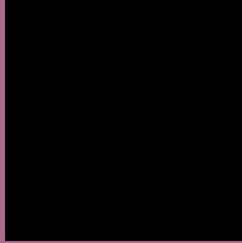
Any Text WCAG AA ✓ Pass

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 176, 103, 141 Background



This preview shows how black text looks on a background with the RYB color 176, 103, 141.



This preview shows how white text looks on a background with the RYB color 176, 103, 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
176, 103, 141

Protanopia
119, 124, 156

Deuteranopia
134, 123, 138



Tritanopia
173, 108, 116

Trichromacy



Original Color
176, 103, 141

Protanomaly
140, 117, 151

Deuteranomaly
149, 116, 139

Tritanomaly
174, 106, 125

Monochromacy



Original Color
176, 103, 141

Achromatopsia
129, 129, 129

Achromatomaly
146, 120, 133

CSS Examples

Text

The CSS property to change the color of the text to RYB 176, 103, 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(176, 103, 141) looks like.

```
.text, #text, p{  
    color:rgb(176, 103, 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(176, 103, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 103, 141) }
```

Border

The CSS property to change the border of an element to RYB 176, 103, 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(176, 103, 141) }
```

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

```
.border{ border-color:rgb(176, 103, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 103, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 103, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 103, 141);  
box-shadow:4px 4px 4px 4px rgb(176, 103,  
141) }
```

Background

The CSS property to change the background color of an element to RYB 176, 103, 141 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 103, 141) }
```

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

```
.background{ background-color: rgb(176,  
103, 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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