

Converting Colors

`RYB(178, 108, 141)`

Have a look what the booklet for
RYB(178, 108, 141) contains.

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Color

R_YB(178, 108, 141)

Conversions

Conversions Part 1

Format	Color
Hex	B26C8D
RGB	178, 108, 141
RGB Percent	70%, 42%, 55%
CMY	0.3020, 0.5765, 0.4471
CMYK	0.00, 0.39, 0.21, 0.30
HSL	332°, 31%, 56%
HSV	332°, 39%, 70%
XYZ	28.5304, 22.1132, 27.9639
YIQ	132.6920, 31.1270, 25.1030

Conversions

Conversions Part 2

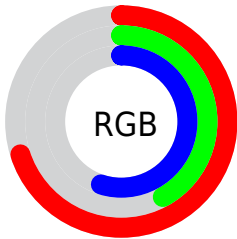
Format	Color
R_{YB}	178, 108, 141
Decimal	11693197
CIE _{Lab}	54.15, 32.42, -6.19
CIE _{LCh}	54, 33.008, 349.199
Yxy	22.1132, 0.3629, 0.2813
Android (android.graphics.Color)	4289883277 (0xFFB26C8D)
YUV	132.6920, 4.0958, 39.7351
Hunter-Lab	47.0247, 26.0047, -2.3403

Details

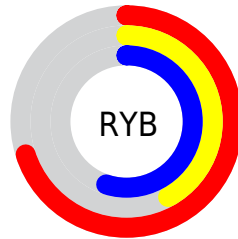
The RYB color **178, 108, 141** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **108, 154, 178**, and the grayscale version is **133, 133, 133**.

A 20% lighter version of the original color is **235, 161, 195**, and **124, 58, 91** is the 20% darker color. If you saturate the color by 10%, you get **178, 90, 132**, and if you desaturate by 10%, it is **178, 126, 150**.

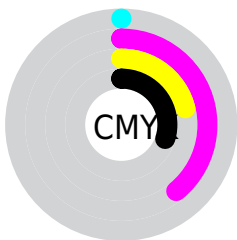
Distribution



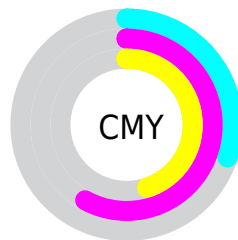
- Red (70%)
- Green (42%)
- Blue (55%)



- Red (70%)
- Yellow (42%)
- Blue (55%)



- Cyan (0%)
- Magenta (39%)
- Yellow (21%)
- Black (30%)



- Cyan (30%)
- Magenta (58%)
- Yellow (45%)


Brightness & Saturation Gradients

These gradients show how the RYB color 178, 108, 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 178, 108, 141 by changing the saturation by 10% instead.

 178, 108, 141


255, 255, 255

 235, 161, 195


 255, 188, 222

 255, 216, 251

 255, 245, 255

 178, 108, 141

 150, 83, 115

 124, 58, 91

 98, 34, 67

 72, 8, 45


 48, 0, 25


 17, 0, 0


 0, 0, 0

 178, 108, 141


 178, 90, 132


 178, 108, 141


 178, 126, 150

 178, 72, 122

 178, 144, 160

 178, 55, 113

 178, 161, 169

 178, 37, 103

 178, 179, 179

 178, 19, 94

 178, 190, 197

 178, 1, 85

 178, 202, 215

 178, 0, 84

 178, 214, 233

 178, 225, 250

 178, 225, 255

Harmonies

Analogous

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



155, 115, 167



178, 108, 141



185, 108, 112

Triad

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



178, 108, 141



75, 133, 79



0, 78, 172

Complementary

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



178, 108, 141



108, 154, 178

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, 73, 147



178, 108, 141



91, 140, 134

Square

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



178, 108, 141



127, 157, 73



58, 109, 144



67, 110, 185

Rectangle

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



178, 108, 141



181, 116, 95



58, 109, 144



0, 77, 165

Sweetspot

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



178, 108, 141



232, 204, 217



144, 108, 178



117, 101, 109



245, 245, 245



117, 117, 117

Same Dimension

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



178, 108, 141



232, 123, 174



178, 109, 108



89, 80, 85



153, 0, 72



26, 0, 12

Inverse Universe

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



178, 108, 141



232, 123, 174



108, 143, 178



89, 80, 85



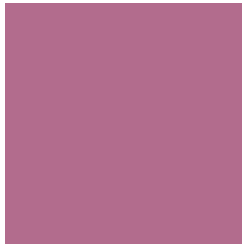
153, 0, 72



26, 0, 12

Previews

White Background



This preview shows how the RYB color 178, 108, 141 looks on a white background.

Color Contrast Check

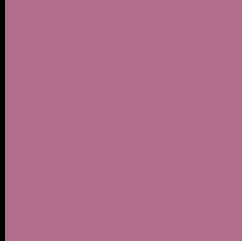
Large Text (above 18pt) WCAG AA ✓ Pass

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 178, 108, 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 178, 108, 141 Background



This preview shows how black text looks on a background with the RYB color 178, 108, 141.

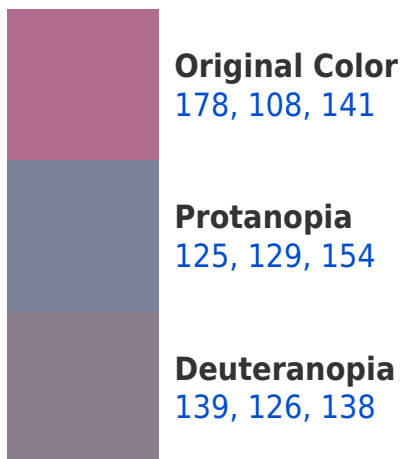


This preview shows how white text looks on a background with the RYB color 178, 108, 141.

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





Tritanopia
176, 112, 120

Trichromacy



Original Color
178, 108, 141

Protanomaly
144, 121, 149

Deuteranomaly
153, 119, 139

Tritanomaly
177, 111, 128

Monochromacy



Original Color
178, 108, 141

Achromatopsia
133, 133, 133

Achromatomaly
149, 124, 136

CSS Examples

Text

The CSS property to change the color of the text to RYB 178, 108, 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(178, 108, 141) looks like.

```
.text, #text, p{  
    color:rgb(178, 108, 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(178, 108, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 108, 141) }
```

Border

The CSS property to change the border of an element to RYB 178, 108, 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(178, 108, 141) }
```

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

```
.border{ border-color:rgb(178, 108, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 108, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 108, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 108, 141);  
box-shadow:4px 4px 4px 4px rgb(178, 108,  
141) }
```

Background

The CSS property to change the background color of an element to RYB 178, 108, 141 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 108, 141) }
```

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

```
.background{ background-color: rgb(178,  
108, 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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