

Converting Colors

`RYB(178, 111, 152)`

Have a look what the booklet for
RYB(178, 111, 152) contains.

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Color

R_YB(178, 111, 152)

Conversions

Conversions Part 1

Format	Color
Hex	B26F98
RGB	178, 111, 152
RGB Percent	70%, 44%, 60%
CMY	0.3020, 0.5647, 0.4039
CMYK	0.00, 0.38, 0.15, 0.30
HSL	323°, 30%, 57%
HSV	323°, 38%, 70%
XYZ	29.7120, 23.1009, 32.5987
YIQ	135.7070, 26.7710, 26.9550

Conversions

Conversions Part 2

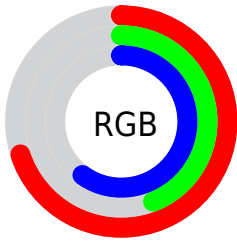
Format	Color
R_{YB}	178, 111, 152
Decimal	11693976
CIE _{Lab}	55.18, 32.55, -11.08
CIE _{LCh}	55, 34.380, 341.202
Yxy	23.1009, 0.3479, 0.2705
Android (android.graphics.Color)	4289884056 (0xFFB26F98)
YUV	135.7070, 8.0324, 37.0910
Hunter-Lab	48.0633, 26.2351, -6.5687

Details

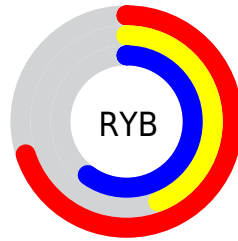
The RYB color **178, 111, 152** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **111, 159, 178**, and the grayscale version is **136, 136, 136**.

A 20% lighter version of the original color is **235, 164, 206**, and **124, 61, 101** is the 20% darker color. If you saturate the color by 10%, you get **178, 93, 145**, and if you desaturate by 10%, it is **178, 129, 159**.

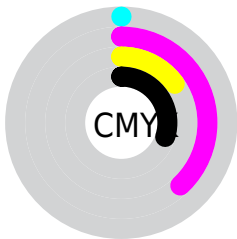
Distribution



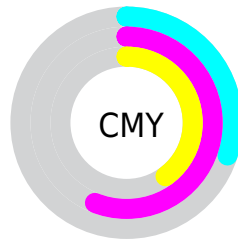
- Red (70%)
- Green (44%)
- Blue (60%)



- Red (70%)
- Yellow (44%)
- Blue (60%)



- Cyan (0%)
- Magenta (38%)
- Yellow (15%)
- Black (30%)



- Cyan (30%)
- Magenta (56%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the RYB color 178, 111, 152 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, 111, 152 by changing the saturation by 10% instead.

 178, 111, 152

255, 255, 255


 235, 164, 206

 255, 191, 235

 255, 219, 255

 255, 248, 255

 178, 111, 152

 151, 86, 126

 124, 61, 101

 98, 37, 77

 73, 12, 54

 49, 0, 33

 23, 0, 7

 0, 0, 0

 178, 111, 152

 178, 93, 145

 178, 111, 152

 178, 129, 159

■ 178, 75, 138

■ 178, 147, 166

■ 178, 58, 131

■ 178, 164, 173

■ 178, 40, 124

■ 178, 181, 182

■ 178, 22, 117

■ 178, 194, 200

■ 178, 4, 111

■ 178, 207, 218

■ 178, 0, 109

■ 178, 220, 236

■ 178, 232, 253

■ 178, 230, 255

Harmonies

Analogous

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



150, 120, 177



178, 111, 152



189, 108, 122

Triad

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



178, 111, 152



80, 140, 73



0, 79, 170

Complementary

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



178, 111, 152



111, 159, 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, 75, 148



178, 111, 152



86, 142, 120

Square

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



178, 111, 152



158, 167, 76



69, 118, 146



47, 103, 188

Rectangle

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



178, 111, 152



188, 112, 103



69, 118, 146



0, 77, 162

Sweetspot

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



178, 111, 152



232, 207, 222



137, 111, 178



117, 102, 111



245, 245, 245



117, 117, 117

Same Dimension

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



178, 111, 152



232, 128, 192



178, 111, 119



89, 80, 86



153, 0, 94



26, 0, 16

Inverse Universe

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



178, 111, 152



232, 128, 192



111, 147, 178



89, 80, 86



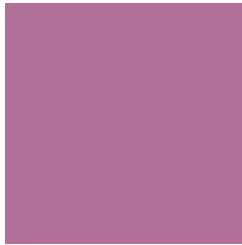
153, 0, 94



26, 0, 16

Previews

White Background



This preview shows how the RYB color 178, 111, 152 looks on a white background.

Color Contrast Check

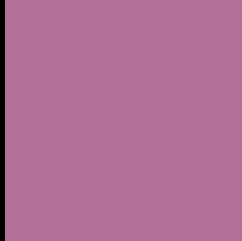
Large Text (above 18pt) WCAG AA ✓ Pass

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, 111, 152 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

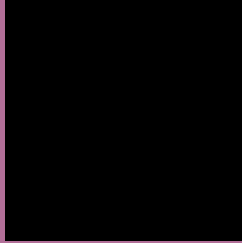
Any Text WCAG AA ✓ Pass

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, 111, 152 Background



This preview shows how black text looks on a background with the RYB color 178, 111, 152.

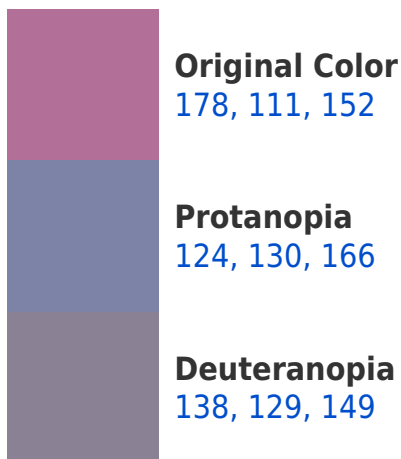



This preview shows how white text looks on a background with the RYB color 178, 111, 152.

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
175, 116, 125

Trichromacy



Original Color
178, 111, 152

Protanomaly
144, 124, 161

Deuteranomaly
153, 122, 150

Tritanomaly
176, 114, 135

Monochromacy



Original Color
178, 111, 152

Achromatopsia
136, 136, 136

Achromatomaly
151, 127, 142

CSS Examples

Text

The CSS property to change the color of the text to RYB 178, 111, 152 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, 111, 152) looks like.

```
.text, #text, p{  
    color:rgb(178, 111, 152)  
}
```

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, 111, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 111, 152) }
```

Border

The CSS property to change the border of an element to RYB 178, 111, 152 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, 111, 152) }
```

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

```
.border{ border-color:rgb(178, 111, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 111, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 111, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 111, 152);  
box-shadow:4px 4px 4px 4px rgb(178, 111,  
152) }
```

Background

The CSS property to change the background color of an element to RYB 178, 111, 152 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 111, 152) }
```

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

```
.background{ background-color: rgb(178,  
111, 152) }
```

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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