

Converting Colors

`RYB(118, 167, 178)`

Have a look what the booklet for
RYB(118, 167, 178) contains.

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Color

R_YB(118, 167, 178)

Conversions

Conversions Part 1

Format	Color
Hex	76B283
RGB	118, 178, 131
RGB Percent	46%, 70%, 51%
CMY	0.5373, 0.3020, 0.4844
CMYK	0.34, 0.00, 0.26, 0.30
HSL	133°, 28%, 58%
HSV	133°, 34%, 70%
XYZ	27.5202, 37.3438, 27.3975
YIQ	154.7020, -20.6730, -27.3370

Conversions

Conversions Part 2

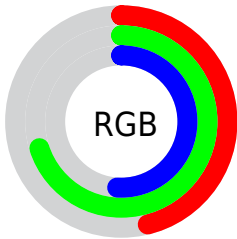
Format	Color
RYB	118, 167, 178
Decimal	7778947
CIELab	67.53, -29.28, 17.76
CIELCh	68, 34.245, 148.760
Yxy	37.3438, 0.2983, 0.4048
Android (android.graphics.Color)	4285969027 (0xFF76B283)
YUV	154.7020, -11.6851, -32.1877
Hunter-Lab	61.1096, -26.5556, 16.1950

Details

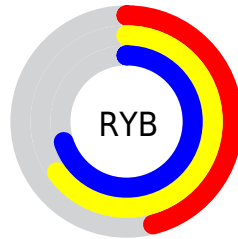
The RYB color **118, 167, 178** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **178, 118, 165**, and the grayscale version is **155, 155, 155**.

A 20% lighter version of the original color is **172, 224, 234**, and **67, 114, 125** is the 20% darker color. If you saturate the color by 10%, you get **100, 163, 178**, and if you desaturate by 10%, it is **136, 171, 178**.

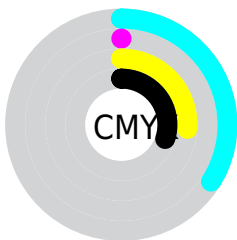
Distribution



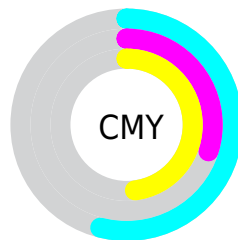
- Red (46%)
- Green (70%)
- Blue (51%)



- Red (46%)
- Yellow (65%)
- Blue (70%)



- Cyan (34%)
- Magenta (0%)
- Yellow (26%)
- Black (30%)



- Cyan (54%)
- Magenta (30%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the RYB color 118, 167, 178 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 118, 167, 178 by changing the saturation by 10% instead.

 118, 167, 178


255, 255, 255


 172, 223, 234


 200, 245, 255

 228, 246, 255

 118, 167, 178


 92, 140, 151

 67, 113, 125

 41, 87, 100

 13, 58, 75

 0, 40, 52


 0, 33, 33


 0, 0, 0

 118, 167, 178


 100, 163, 178


 118, 167, 178


 136, 171, 178

 82, 160, 178


 154, 174, 178

 65, 158, 178


 171, 176, 178

 47, 154, 178

 189, 178, 187

 29, 151, 178

 207, 178, 200

 11, 147, 178

 225, 178, 214

 0, 145, 178

 243, 178, 228

 255, 178, 242

 255, 178, 255

Harmonies

Analogous

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



109, 172, 127



118, 167, 178



79, 135, 181

Triad

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



118, 167, 178



119, 153, 226



224, 144, 136

Complementary

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



118, 167, 178



178, 118, 165

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.



222, 141, 167



118, 167, 178



166, 157, 219

Square

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



118, 167, 178



70, 131, 216



202, 147, 197



211, 175, 113

Rectangle

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



118, 167, 178



56, 119, 183



202, 147, 197



225, 141, 146

Sweetspot

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



118, 167, 178



209, 228, 232



118, 178, 131



103, 115, 117



245, 245, 245



117, 117, 117

Same Dimension

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



118, 167, 178



139, 215, 232



118, 153, 178



80, 87, 89



0, 125, 153



0, 21, 26

Inverse Universe

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



178, 118, 165



232, 139, 211



178, 118, 135



89, 80, 87



153, 0, 119



26, 0, 20

Previews

White Background



This preview shows how the RYB color 118, 167, 178 looks on a white background.

Color Contrast Check

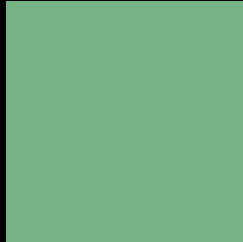
Large Text (above 18pt) WCAG AA × Fail

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 118, 167, 178 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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 118, 167, 178 Background



This preview shows how black text looks on a background with the RYB color 118, 167, 178.

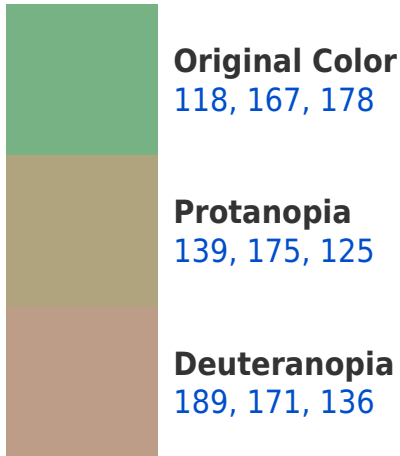



This preview shows how white text looks on a background with the RYB color 118, 167, 178.

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
129, 153, 185

Trichromacy



Original Color
118, 167, 178

Protanomaly
127, 169, 142

Deuteranomaly
134, 165, 136

Tritanomaly
125, 152, 174

Monochromacy



Original Color
118, 167, 178

Achromatopsia
155, 155, 155

Achromatomaly
142, 160, 163

CSS Examples

Text

The CSS property to change the color of the text to RYB 118, 167, 178 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(118, 178, 131)` looks like.

```
.text, #text, p{  
    color:rgb(118, 178, 131)  
}
```

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(118, 178, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 178, 131) }
```

Border

The CSS property to change the border of an element to RYB 118, 167, 178 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(118, 178, 131) }
```

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

```
.border{ border-color:rgb(118, 178, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 178, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 178, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 178, 131);  
box-shadow:4px 4px 4px 4px rgb(118, 178,  
131) }
```

Background

The CSS property to change the background color of an element to RYB 118, 167, 178 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 178, 131) }
```

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

```
.background{ background-color: rgb(118,  
178, 131) }
```

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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