

Converting Colors

`RYB(122, 158, 181)`

Have a look what the booklet for
RYB(122, 158, 181) contains.

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Color

R_YB(122, 158, 181)

Conversions

Conversions Part 1

Format	Color
Hex	7AB5A0
RGB	122, 181, 160
RGB Percent	48%, 71%, 63%
CMY	0.5216, 0.2902, 0.3737
CMYK	0.33, 0.00, 0.12, 0.29
HSL	158°, 29%, 59%
HSV	158°, 33%, 71%
XYZ	30.8684, 39.7127, 39.1561
YIQ	160.9650, -28.4230, -19.0390

Conversions

Conversions Part 2

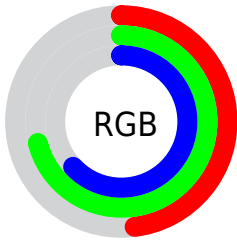
Format	Color
RYB	122, 158, 181
Decimal	8041888
CIELab	69.26, -23.83, 4.78
CIELCh	69, 24.308, 168.654
Yxy	39.7127, 0.2813, 0.3619
Android (android.graphics.Color)	4286231968 (0xFF7AB5A0)
YUV	160.9650, -0.4757, -34.1723
Hunter-Lab	63.0180, -22.8462, 7.2729

Details

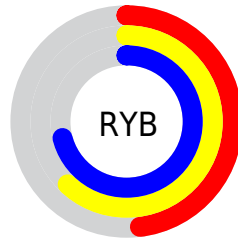
The RYB color **122, 158, 181** is a light color, and the websafe version is hex **669999**. A complement of this color would be **181, 122, 143**, and the grayscale version is **161, 161, 161**.

A 20% lighter version of the original color is **176, 213, 237**, and **70, 105, 128** is the 20% darker color. If you saturate the color by 10%, you get **104, 151, 181**, and if you desaturate by 10%, it is **140, 165, 181**.

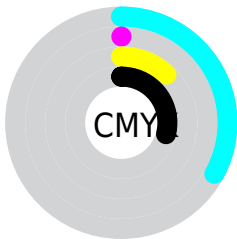
Distribution



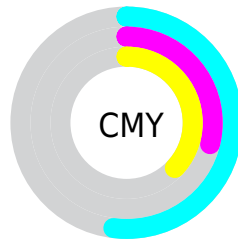
- Red (48%)
- Green (71%)
- Blue (63%)



- Red (48%)
- Yellow (62%)
- Blue (71%)



- Cyan (33%)
- Magenta (0%)
- Yellow (12%)
- Black (29%)




- Cyan (52%)
- Magenta (29%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the RYB color 122, 158, 181 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 122, 158, 181 by changing the saturation by 10% instead.


 122, 158, 181


255, 255, 255


 176, 214, 237

 204, 233, 255

 233, 244, 255

 122, 158, 181

 96, 131, 154

 70, 105, 128

 45, 80, 103


 17, 52, 78


 0, 32, 55


 0, 22, 34

 0, 0, 0

 122, 158, 181

 104, 151, 181

 122, 158, 181

 140, 165, 181

■ 86, 144, 181

■ 158, 172, 181

■ 68, 137, 181

■ 176, 179, 181

■ 50, 130, 181

■ 194, 181, 186

■ 31, 122, 181

■ 213, 181, 192

■ 13, 116, 181

■ 231, 181, 199

■ 0, 110, 181

■ 249, 181, 205

■ 255, 181, 212

■ 255, 181, 219

Harmonies

Analogous

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



139, 178, 171



122, 158, 181



106, 144, 182

Triad

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



122, 158, 181



161, 166, 211



209, 167, 137

Complementary

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



122, 158, 181



181, 122, 143

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.



214, 154, 156



122, 158, 181



189, 159, 198

Square

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



122, 158, 181



131, 159, 212



208, 154, 178



174, 193, 126

Rectangle

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



122, 158, 181



106, 147, 196



208, 154, 178



212, 159, 143

Sweetspot

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



122, 158, 181



211, 226, 235



122, 181, 159



103, 112, 117



245, 245, 245



117, 117, 117

Same Dimension

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



122, 158, 181



143, 199, 235



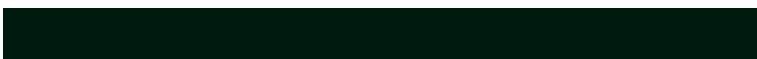
122, 149, 181



80, 85, 89



0, 93, 153



0, 16, 26

Inverse Universe

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



181, 122, 143



235, 143, 176



181, 131, 122



89, 80, 84



153, 0, 55



26, 0, 9

Previews

White Background



This preview shows how the RYB color 122, 158, 181 looks on a white background.

Color Contrast Check

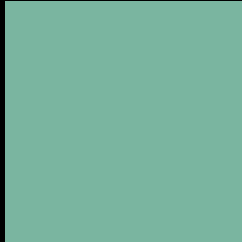
Large Text (above 18pt) WCAG AA × Fail

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 122, 158, 181 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 122, 158, 181 Background



This preview shows how black text looks on a background with the RYB color 122, 158, 181.

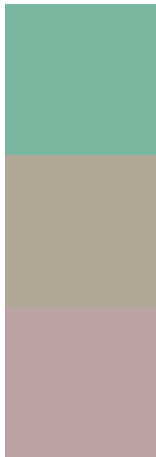


This preview shows how white text looks on a background with the RYB color 122, 158, 181.

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
122, 158, 181

Protanopia
163, 175, 153

Deuteranopia
186, 163, 163



Tritanopia
129, 156, 191

Trichromacy



Original Color
122, 158, 181

Protanomaly
155, 173, 172

Deuteranomaly
162, 170, 169

Tritanomaly
126, 152, 180

Monochromacy



Original Color
122, 158, 181

Achromatopsia
161, 161, 161

Achromatomaly
147, 160, 168

CSS Examples

Text

The CSS property to change the color of the text to RYB 122, 158, 181 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(122, 181, 160)` looks like.

```
.text, #text, p{  
    color:rgb(122, 181, 160)  
}
```

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(122, 181, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 181, 160) }
```

Border

The CSS property to change the border of an element to RYB 122, 158, 181 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(122, 181, 160) }
```

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

```
.border{ border-color:rgb(122, 181, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 181, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(122, 181, 160); -webkit-box-shadow:4px 4px 4px 4px rgb(122, 181, 160); box-shadow:4px 4px 4px 4px rgb(122, 181, 160) }
```

Background

The CSS property to change the background color of an element to RYB 122, 158, 181 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 181, 160) }
```

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

```
.background{ background-color: rgb(122,  
181, 160) }
```

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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