

Converting Colors

`RYB(118, 171, 157)`

Have a look what the booklet for
RYB(118, 171, 157) contains.

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Color

R_YB(118, 171, 157)

Conversions

Conversions Part 1

Format	Color
Hex	84AB76
RGB	132, 171, 118
RGB Percent	52%, 67%, 46%
CMY	0.4824, 0.3294, 0.5373
CMYK	0.23, 0.00, 0.31, 0.33
HSL	104°, 24%, 57%
HSV	104°, 31%, 67%
XYZ	27.3486, 35.3394, 22.5193
YIQ	153.2970, -6.2310, -24.7510

Conversions

Conversions Part 2

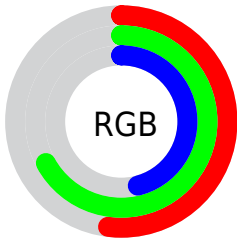
Format	Color
RYB	118, 171, 157
Decimal	8694646
CIELab	66.01, -23.41, 23.12
CIElCh	66, 32.904, 135.348
Yxy	35.3394, 0.3210, 0.4147
Android (android.graphics.Color)	4286884726 (0xFF84AB76)
YUV	153.2970, -17.4014, -18.6775
Hunter-Lab	59.4469, -21.9129, 19.1530

Details

The RYB color **118, 171, 157** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **157, 118, 171**, and the grayscale version is **153, 153, 153**.

A 20% lighter version of the original color is **171, 227, 212**, and **69, 119, 107** is the 20% darker color. If you saturate the color by 10%, you get **101, 171, 153**, and if you desaturate by 10%, it is **135, 171, 161**.

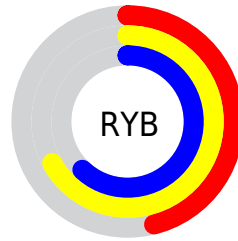
Distribution



Red (52%)

Green (67%)

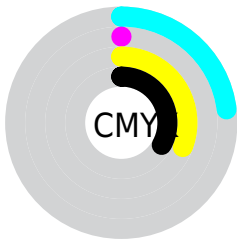
Blue (46%)



Red (46%)

Yellow (67%)

Blue (62%)

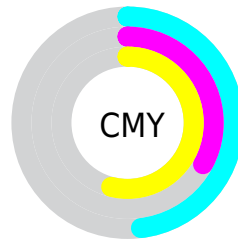


Cyan (23%)

Magenta (0%)

Yellow (31%)

Black (33%)



Cyan (48%)

Magenta (33%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the RYB color 118, 171, 157 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, 171, 157 by changing the saturation by 10% instead.

 118, 171, 157


255, 255, 255


 171, 227, 212

 198, 255, 239

 226, 255, 238

 118, 171, 157

 93, 144, 131

 69, 119, 107

 46, 94, 83

 24, 70, 61

 0, 47, 36

 0, 28, 28


 0, 0, 0

 118, 171, 157


 101, 171, 153

 118, 171, 157


 135, 171, 161


 84, 171, 148


 152, 171, 166

 67, 171, 144


 169, 171, 170

 50, 171, 139

 182, 171, 186


 32, 171, 134

 195, 171, 203

 15, 171, 129

 207, 171, 221

 0, 171, 126

 220, 171, 238

 233, 171, 255

 245, 171, 255

Harmonies

Analogous

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



105, 165, 103



118, 171, 157



96, 145, 175

Triad

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



118, 171, 157



96, 141, 217



219, 138, 146

Complementary

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



118, 171, 157



157, 118, 171

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.



209, 140, 176



118, 171, 157



143, 155, 217

Square

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



118, 171, 157



57, 122, 201



183, 147, 202



212, 152, 120

Rectangle

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



118, 171, 157



72, 127, 176



183, 147, 202



217, 138, 156

Sweetspot

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



118, 171, 157



202, 222, 217



137, 171, 118



100, 112, 109



240, 240, 240



112, 112, 112

Same Dimension

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



118, 171, 157



140, 222, 201



118, 161, 171



78, 87, 85



0, 150, 110



0, 23, 17

Inverse Universe

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



157, 118, 171



200, 140, 222



171, 118, 159



84, 78, 87



111, 0, 150



17, 0, 23

Previews

White Background



This preview shows how the RYB color 118, 171, 157 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, 171, 157 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](#).

R Y B 118, 171, 157 Background



This preview shows how black text looks on a background with the RYB color 118, 171, 157.



This preview shows how white text looks on a background with the RYB color 118, 171, 157.

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
118, 171, 157

Protanopia
128, 172, 113

Deuteranopia
188, 180, 122



Tritanopia
142, 156, 177

Trichromacy



Original Color
118, 171, 157

Protanomaly
115, 164, 122

Deuteranomaly
131, 168, 121

Tritanomaly
138, 156, 167

Monochromacy



Original Color
118, 171, 157

Achromatopsia
153, 153, 153

Achromatomaly
140, 160, 155

CSS Examples

Text

The CSS property to change the color of the text to RGB 118, 171, 157 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(132, 171, 118) looks like.

```
.text, #text, p{  
    color:rgb(132, 171, 118)  
}
```

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(132, 171, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 171, 118) }
```

Border

The CSS property to change the border of an element to RYB 118, 171, 157 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(132, 171, 118) }
```

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

```
.border{ border-color:rgb(132, 171, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 171, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 171, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 171, 118);  
box-shadow:4px 4px 4px 4px rgb(132, 171,  
118) }
```

Background

The CSS property to change the background color of an element to RYB 118, 171, 157 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 171, 118) }
```

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

```
.background{ background-color: rgb(132,  
171, 118) }
```

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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