

Converting Colors

`RYB(120, 155, 118)`

Have a look what the booklet for
RYB(120, 155, 118) contains.

RYB(120, 155, 118)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

$\text{RYB}(120, 155, 118)$

Conversions

Conversions Part 1

Format	Color
Hex	9B9976
RGB	155, 153, 118
RGB Percent	61%, 60%, 46%
CMY	0.3922, 0.3996, 0.5373
CMYK	0.00, 0.01, 0.24, 0.39
HSL	57°, 16%, 54%
HSV	57°, 24%, 61%
XYZ	28.1956, 31.0926, 21.6549
YIQ	149.6080, 12.4270, -10.4610

Conversions

Conversions Part 2

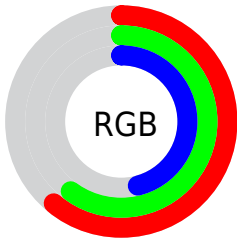
Format	Color
RYB	120, 155, 118
Decimal	10197366
CIELab	62.59, -5.27, 18.75
CIElCh	63, 19.476, 105.688
Yxy	31.0926, 0.3483, 0.3841
Android (android.graphics.Color)	4288387446 (0xFF9B9976)
YUV	149.6080, -15.5827, 4.7288
Hunter-Lab	55.7608, -7.3222, 16.0070

Details

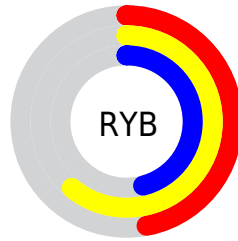
The RYB color **120, 155, 118** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **118, 120, 155**, and the grayscale version is **150, 150, 150**.

A 20% lighter version of the original color is **173, 210, 170**, and **70, 103, 69** is the 20% darker color. If you saturate the color by 10%, you get **106, 155, 103**, and if you desaturate by 10%, it is **135, 155, 134**.

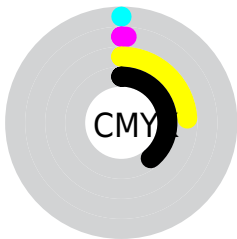
Distribution



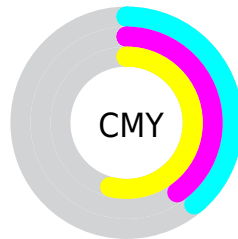
- Red (61%)
- Green (60%)
- Blue (46%)



- Red (47%)
- Yellow (61%)
- Blue (46%)



- Cyan (0%)
- Magenta (1%)
- Yellow (24%)
- Black (39%)




- Cyan (39%)
- Magenta (40%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the RYB color 120, 155, 118 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 120, 155, 118 by changing the saturation by 10% instead.

 120, 155, 118

255, 255, 255

 173, 210, 170


 200, 238, 198


 226, 255, 226


254, 255, 254


 120, 155, 118

 106, 155, 103


 120, 155, 118

 95, 129, 93

 70, 103, 69


 48, 79, 47

 25, 56, 25

 1, 35, 0

 0, 13, 12

 0, 0, 0

 120, 155, 118

 135, 155, 134

90, 155, 87

149, 155, 149

76, 155, 72

155, 155, 164

61, 155, 56

155, 156, 180

47, 155, 41

155, 157, 195

32, 155, 25

155, 158, 211

17, 155, 10

155, 159, 227

8, 155, 0

155, 159, 242

155, 160, 255

Harmonies

Analogous

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



165, 172, 118



120, 155, 118



127, 158, 150

Triad

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



120, 155, 118



105, 135, 175



181, 140, 160

Complementary

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



120, 155, 118



118, 120, 155

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.



165, 144, 176



120, 155, 118



121, 143, 184

Square

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



120, 155, 118



105, 133, 161



143, 149, 184



187, 139, 143

Rectangle

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



120, 155, 118



123, 150, 160



143, 149, 184



177, 141, 166

Sweetspot

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



120, 155, 118



187, 201, 187



155, 118, 120



94, 102, 94



230, 230, 230



102, 102, 102

Same Dimension

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



120, 155, 118



146, 201, 143



118, 155, 134



70, 77, 69



7, 140, 0



1, 13, 0

Inverse Universe

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



118, 120, 155



143, 146, 201



134, 118, 155



69, 69, 77



0, 7, 140



0, 1, 13

Previews

White Background



This preview shows how the RYB color 120, 155, 118 looks on a white background.

Color Contrast Check

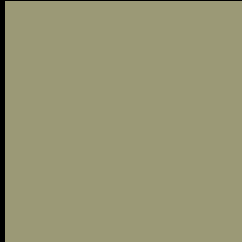
Large Text (above 18pt) WCAG AA × Fail

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 120, 155, 118 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

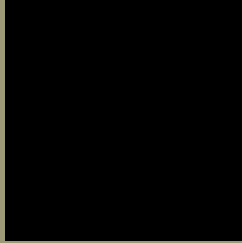
Any Text WCAG AA ✓ Pass

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 120, 155, 118 Background



This preview shows how black text looks on a background with the RYB color 120, 155, 118.



This preview shows how white text looks on a background with the RYB color 120, 155, 118.

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
120, 155, 118

Protanopia
130, 161, 117

Deuteranopia
177, 165, 120



Tritanopia
160, 148, 159

Trichromacy



Original Color

120, 155, 118

Protanomaly

125, 159, 117

Deuteranomaly

155, 169, 119

Tritanomaly

158, 155, 144

Monochromacy



Original Color

120, 155, 118

Achromatopsia

150, 150, 150

Achromatomaly

139, 152, 138

CSS Examples

Text

The CSS property to change the color of the text to RYB 120, 155, 118 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(155, 153, 118)` looks like.

```
.text, #text, p{  
    color:rgb(155, 153, 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(155, 153, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 153, 118) }
```

Border

The CSS property to change the border of an element to RYB 120, 155, 118 is called "border". The border property can be set on classes, ids or directly on the HTML element.

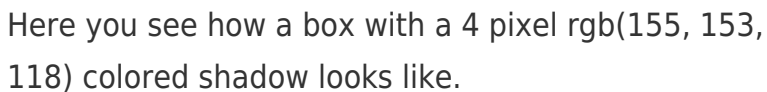
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(155, 153, 118) }
```

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

```
.border{ border-color:rgb(155, 153, 118) }
```

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



Here you see how a box with a 4 pixel `rgb(155, 153, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(155, 153, 118); -webkit-box-shadow:4px 4px 4px 4px rgb(155, 153, 118); box-shadow:4px 4px 4px 4px rgb(155, 153, 118) }
```

Background

The CSS property to change the background color of an element to RYB 120, 155, 118 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 153, 118) }
```

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

```
.background{ background-color: rgb(155,  
153, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor