

Converting Colors

`RYB(158, 106, 120)`

Have a look what the booklet for
RYB(158, 106, 120) contains.

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Color

R_YB(158, 106, 120)

Conversions

Conversions Part 1

Format	Color
Hex	9E6A78
RGB	158, 106, 120
RGB Percent	62%, 42%, 47%
CMY	0.3804, 0.5843, 0.5294
CMYK	0.00, 0.33, 0.24, 0.38
HSL	344°, 21%, 52%
HSV	344°, 33%, 62%
XYZ	22.6447, 18.9332, 20.2303
YIQ	123.1440, 26.4980, 15.3780

Conversions

Conversions Part 2

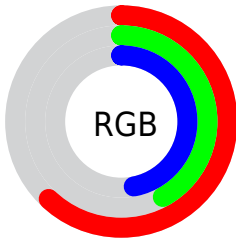
Format	Color
R_{YB}	158, 106, 120
Decimal	10381944
CIE _{Lab}	50.61, 22.86, 0.72
CIE _{LCh}	51, 22.869, 1.802
Yxy	18.9332, 0.3664, 0.3063
Android (android.graphics.Color)	4288572024 (0xFF9E6A78)
YUV	123.1440, -1.5500, 30.5687
Hunter-Lab	43.5123, 16.7486, 2.8928

Details

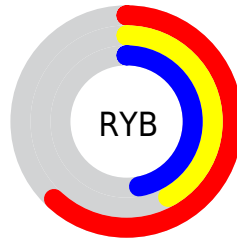
The RYB color **158, 106, 120** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **106, 136, 158**, and the grayscale version is **123, 123, 123**.

A 20% lighter version of the original color is **214, 158, 172**, and **105, 58, 72** is the 20% darker color. If you saturate the color by 10%, you get **158, 90, 108**, and if you desaturate by 10%, it is **158, 122, 132**.

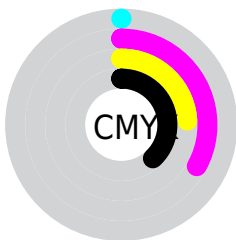
Distribution



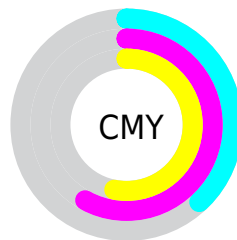
- Red (62%)
- Green (42%)
- Blue (47%)



- Red (62%)
- Yellow (42%)
- Blue (47%)



- Cyan (0%)
- Magenta (33%)
- Yellow (24%)
- Black (38%)



- Cyan (38%)
- Magenta (58%)
- Yellow (53%)


Brightness & Saturation Gradients

These gradients show how the RYB color 158, 106, 120 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 158, 106, 120 by changing the saturation by 10% instead.

 158, 106, 120

255, 255, 255

 214, 158, 172

 242, 185, 199

 255, 213, 228


 255, 241, 255

 158, 106, 120

 131, 81, 95

 105, 58, 72

 80, 35, 49

 56, 13, 28

 38, 0, 1

 0, 0, 0

 158, 106, 120

 158, 90, 108

 158, 74, 97

 158, 106, 120

 158, 122, 132

 158, 138, 143

■ 158, 59, 85

■ 158, 153, 155

■ 158, 43, 74

■ 158, 164, 169

■ 158, 27, 62

■ 158, 174, 185

■ 158, 11, 51

■ 158, 183, 201

■ 158, 0, 43

■ 158, 192, 217

■ 158, 201, 232

■ 158, 210, 248

Harmonies

Analogous

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



146, 109, 139



158, 106, 120



159, 109, 101

Triad

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



158, 106, 120



87, 125, 100



70, 104, 154

Complementary

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



158, 106, 120



106, 136, 158

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.



58, 97, 140



158, 106, 120



90, 120, 129

Square

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



158, 106, 120



98, 133, 81



69, 103, 131



97, 115, 159

Rectangle

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



158, 106, 120



154, 120, 91



69, 103, 131



64, 101, 150

Sweetspot

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



158, 106, 120



207, 186, 191



143, 106, 158



105, 92, 95



232, 232, 232



105, 105, 105

Same Dimension

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



158, 106, 120



207, 126, 148



158, 120, 106



79, 71, 73



143, 0, 38



15, 0, 4

Inverse Universe

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



158, 106, 120



207, 126, 148



106, 129, 158



79, 71, 73



143, 0, 38



15, 0, 4

Previews

White Background



This preview shows how the RYB color 158, 106, 120 looks on a white background.

Color Contrast Check

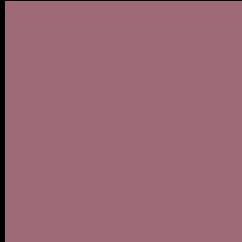
Large Text (above 18pt) WCAG AA ✓ Pass

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 158, 106, 120 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

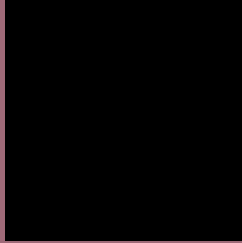
Any Text WCAG AA ✓ Pass

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 158, 106, 120 Background



This preview shows how black text looks on a background with the RYB color 158, 106, 120.



This preview shows how white text looks on a background with the RYB color 158, 106, 120.

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

158, 106, 120

Protanopia

121, 120, 128

Deuteranopia

133, 117, 118



Tritanopia
157, 107, 115

Trichromacy



Original Color

158, 106, 120

Protanomaly

134, 115, 125

Deuteranomaly

142, 113, 119

Tritanomaly

157, 107, 117

Monochromacy



Original Color

158, 106, 120

Achromatopsia

123, 123, 123

Achromatomaly

136, 117, 122

CSS Examples

Text

The CSS property to change the color of the text to RYB 158, 106, 120 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(158, 106, 120) looks like.

```
.text, #text, p{  
    color:rgb(158, 106, 120)  
}
```

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(158, 106, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 106, 120) }
```

Border

The CSS property to change the border of an element to RYB 158, 106, 120 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(158, 106, 120) }
```

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

```
.border{ border-color:rgb(158, 106, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 106, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 106, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 106, 120);  
box-shadow:4px 4px 4px 4px rgb(158, 106,  
120) }
```

Background

The CSS property to change the background color of an element to RYB 158, 106, 120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 106, 120) }
```

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

```
.background{ background-color: rgb(158,  
106, 120) }
```

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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