

Converting Colors

`RYB(152, 102, 127)`

Have a look what the booklet for
RYB(152, 102, 127) contains.

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Color

R_YB(152, 102, 127)

Conversions

Conversions Part 1

Format	Color
Hex	98667F
RGB	152, 102, 127
RGB Percent	60%, 40%, 50%
CMY	0.4039, 0.6000, 0.5020
CMYK	0.00, 0.33, 0.16, 0.40
HSL	330°, 20%, 50%
HSV	330°, 33%, 60%
XYZ	21.5310, 17.7104, 22.3623
YIQ	119.8000, 21.7750, 18.3750

Conversions

Conversions Part 2

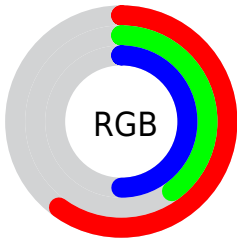
Format	Color
RYB	152, 102, 127
Decimal	9987711
CIELab	49.14, 24.01, -5.68
CIELCh	49, 24.673, 346.680
Yxy	17.7104, 0.3495, 0.2875
Android (android.graphics.Color)	4288177791 (0xFF98667F)
YUV	119.8000, 3.5496, 28.2394
Hunter-Lab	42.0838, 17.6781, -2.0466

Details

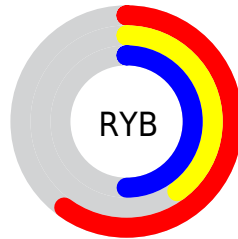
The RYB color **152, 102, 127** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **102, 135, 152**, and the grayscale version is **120, 120, 120**.

A 20% lighter version of the original color is **207, 154, 180**, and **100, 54, 78** is the 20% darker color. If you saturate the color by 10%, you get **152, 87, 119**, and if you desaturate by 10%, it is **152, 117, 135**.

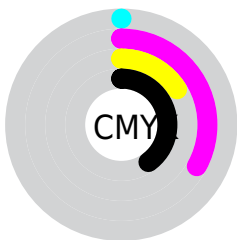
Distribution



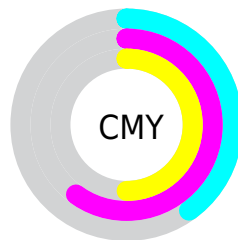
- Red (60%)
- Green (40%)
- Blue (50%)



- Red (60%)
- Yellow (40%)
- Blue (50%)



- Cyan (0%)
- Magenta (33%)
- Yellow (16%)
- Black (40%)



- Cyan (40%)
- Magenta (60%)
- Yellow (50%)


Brightness & Saturation Gradients

These gradients show how the RYB color 152, 102, 127 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 152, 102, 127 by changing the saturation by 10% instead.

 152, 102, 127


255, 255, 255

 207, 154, 180

 236, 181, 207

 255, 208, 235

 255, 237, 255

 152, 102, 127

 126, 78, 102

 100, 54, 78

 75, 31, 55

 51, 9, 34


 32, 0, 11


 0, 0, 0

 152, 102, 127

 152, 87, 119

 152, 72, 112

 152, 102, 127

 152, 117, 135

 152, 132, 142

■ 152, 56, 104

■ 152, 148, 150

■ 152, 41, 97

■ 152, 160, 163

■ 152, 26, 89

■ 152, 169, 178

■ 152, 11, 81

■ 152, 179, 193

■ 152, 0, 76

■ 152, 189, 208

■ 152, 200, 224

■ 152, 210, 239

Harmonies

Analogous

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



134, 107, 146



152, 102, 127



158, 101, 106

Triad

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



152, 102, 127



76, 119, 76



49, 92, 147

Complementary

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



152, 102, 127



102, 135, 152

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.



49, 89, 128



152, 102, 127



87, 125, 116

Square

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



152, 102, 127



126, 140, 76



71, 106, 128



74, 104, 157

Rectangle

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



152, 102, 127



156, 106, 93



71, 106, 128



45, 89, 141

Sweetspot

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



152, 102, 127



196, 177, 187



127, 102, 152



99, 88, 93



227, 227, 227



99, 99, 99

Same Dimension

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



152, 102, 127



196, 120, 158



152, 102, 102



77, 69, 73



140, 0, 70



13, 0, 6

Inverse Universe

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



152, 102, 127



196, 120, 158



102, 127, 152



77, 69, 73



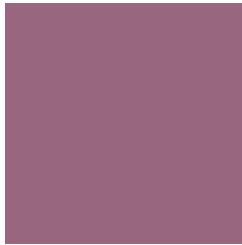
140, 0, 70



13, 0, 6

Previews

White Background



This preview shows how the RYB color 152, 102, 127 looks on a white background.

Color Contrast Check

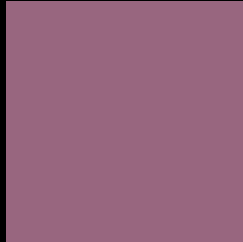
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 152, 102, 127 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

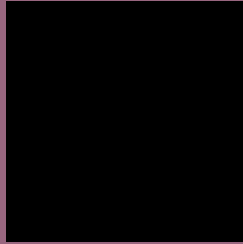
Any Text WCAG AA ✓ Pass

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](#).

RYP 152, 102, 127 Background



This preview shows how black text looks on a background with the RYP color 152, 102, 127.



This preview shows how white text looks on a background with the RYP color 152, 102, 127.

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


152, 102, 127

Protanopia

113, 116, 136

Deuteranopia

125, 114, 125



Tritanopia
150, 105, 113

Trichromacy



Original Color

152, 102, 127

Protanomaly

127, 111, 133

Deuteranomaly

135, 110, 126

Tritanomaly

151, 104, 118

Monochromacy



Original Color

152, 102, 127

Achromatopsia

120, 120, 120

Achromatomaly

132, 113, 123

CSS Examples

Text

The CSS property to change the color of the text to RYB 152, 102, 127 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(152, 102, 127) looks like.

```
.text, #text, p{  
    color:rgb(152, 102, 127)  
}
```

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(152, 102, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 102, 127) }
```

Border

The CSS property to change the border of an element to RYB 152, 102, 127 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(152, 102, 127) }
```

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

```
.border{ border-color:rgb(152, 102, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 102, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 102, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 102, 127);  
box-shadow:4px 4px 4px 4px rgb(152, 102,  
127) }
```

Background

The CSS property to change the background color of an element to RYB 152, 102, 127 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 102, 127) }
```

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

```
.background{ background-color: rgb(152,  
102, 127) }
```

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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