

Converting Colors

`RYB(152, 121, 152)`

Have a look what the booklet for
RYB(152, 121, 152) contains.

RYB(152, 121, 152)	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

R_YB(152, 121, 152)

Conversions

Conversions Part 1

Format	Color
Hex	987998
RGB	152, 121, 152
RGB Percent	60%, 47%, 60%
CMY	0.4039, 0.5255, 0.4039
CMYK	0.00, 0.20, 0.00, 0.40
HSL	300°, 13%, 54%
HSV	300°, 20%, 60%
XYZ	25.4538, 22.6171, 32.7297
YIQ	133.8030, 8.5250, 16.2130

Conversions

Conversions Part 2

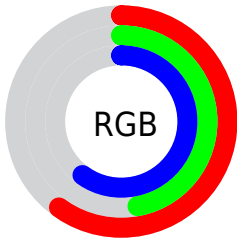
Format	Color
R_{YB}	152, 121, 152
Decimal	9992600
CIE _{Lab}	54.68, 17.65, -12.12
CIE _{LCh}	55, 21.410, 325.521
Yxy	22.6171, 0.3150, 0.2799
Android (android.graphics.Color)	4288182680 (0xFF987998)
YUV	133.8030, 8.9711, 15.9588
Hunter-Lab	47.5575, 12.3113, -7.5140

Details

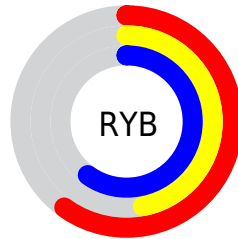
The RYB color **152, 121, 152** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **121, 152, 152**, and the grayscale version is **134, 134, 134**.

A 20% lighter version of the original color is **207, 174, 206**, and **101, 72, 101** is the 20% darker color. If you saturate the color by 10%, you get **152, 106, 152**, and if you desaturate by 10%, it is **152, 136, 152**.

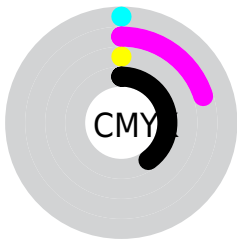
Distribution



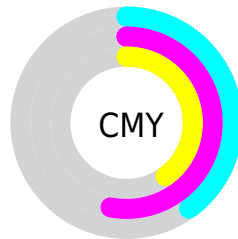
- Red (60%)
- Green (47%)
- Blue (60%)



- Red (60%)
- Yellow (47%)
- Blue (60%)



- Cyan (0%)
- Magenta (20%)
- Yellow (0%)
- Black (40%)




- Cyan (40%)
- Magenta (53%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the RYB color 152, 121, 152 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, 121, 152 by changing the saturation by 10% instead.


 152, 121, 152

255, 255, 255


 207, 174, 206


 235, 201, 235


 255, 229, 255

 152, 121, 152

 126, 96, 126

 101, 72, 101

 76, 49, 77

 53, 28, 54


 32, 4, 33

 0, 0, 7

 0, 0, 0

 152, 121, 152

 152, 106, 152


 152, 121, 152

 152, 136, 152


 152, 91, 152

 152, 151, 152

 152, 75, 152

 152, 167, 167

 152, 60, 152

 152, 182, 182

 152, 45, 152

 152, 197, 197

 152, 30, 152

 152, 212, 212

 152, 15, 152

 152, 227, 227

 152, 0, 152

 152, 243, 243

 152, 255, 255

Harmonies

Analogous

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



130, 127, 164



152, 121, 152



165, 118, 134

Triad

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



152, 121, 152



121, 147, 94



76, 110, 146

Complementary

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



152, 121, 152



121, 152, 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.



87, 118, 141



152, 121, 152



97, 135, 104

Square

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



152, 121, 152



161, 136, 101



106, 136, 139



82, 115, 161

Rectangle

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



152, 121, 152



168, 118, 122



106, 136, 139



78, 110, 141

Sweetspot

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



152, 121, 152



196, 185, 196



121, 121, 152



99, 92, 99



227, 227, 227



99, 99, 99

Same Dimension

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



152, 121, 152



196, 149, 196



152, 121, 137



77, 69, 77



140, 0, 140



13, 0, 13

Inverse Universe

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



152, 121, 152



196, 149, 196



121, 141, 152



77, 69, 77



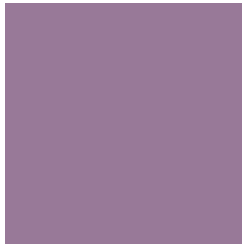
140, 0, 140



13, 0, 13

Previews

White Background



This preview shows how the RYB color 152, 121, 152 looks on a white background.

Color Contrast Check

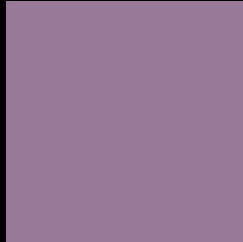
Large Text (above 18pt) WCAG AA ✓ Pass

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 152, 121, 152 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

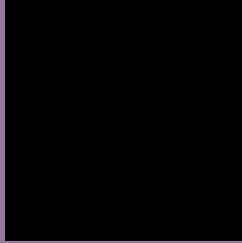
Any Text WCAG AA ✓ Pass

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 152, 121, 152 Background



This preview shows how black text looks on a background with the RYB color 152, 121, 152.



This preview shows how white text looks on a background with the RYB color 152, 121, 152.

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](#), [121](#), [152](#)

Protanopia

[125](#), [129](#), [158](#)

Deuteranopia

[134](#), [128](#), [151](#)



Tritanopia
149, 124, 134

Trichromacy



Original Color
152, 121, 152

Protanomaly
135, 127, 156

Deuteranomaly
141, 125, 151

Tritanomaly
150, 123, 141

Monochromacy



Original Color
152, 121, 152

Achromatopsia
134, 134, 134

Achromatomaly
141, 129, 141

CSS Examples

Text

The CSS property to change the color of the text to RYB 152, 121, 152 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, 121, 152) looks like.

```
.text, #text, p{  
    color:rgb(152, 121, 152)  
}
```

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, 121, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 121, 152) }
```

Border

The CSS property to change the border of an element to RYB 152, 121, 152 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, 121, 152) }
```

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

```
.border{ border-color:rgb(152, 121, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 121, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 121, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 121, 152);  
box-shadow:4px 4px 4px 4px rgb(152, 121,  
152) }
```

Background

The CSS property to change the background color of an element to RYB 152, 121, 152 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 121, 152) }
```

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

```
.background{ background-color: rgb(152,  
121, 152) }
```

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