

Converting Colors

`RYB(153, 124, 161)`

Have a look what the booklet for
RYB(153, 124, 161) contains.

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Color

`RYB(153, 124, 161)`

Conversions

Conversions Part 1

Format	Color
Hex	997CA1
RGB	153, 124, 161
RGB Percent	60%, 49%, 63%
CMY	0.4000, 0.5137, 0.3686
CMYK	0.05, 0.23, 0.00, 0.37
HSL	287°, 16%, 56%
HSV	287°, 23%, 63%
XYZ	26.7775, 23.7608, 36.8932
YIQ	136.8890, 5.4070, 17.6550

Conversions

Conversions Part 2

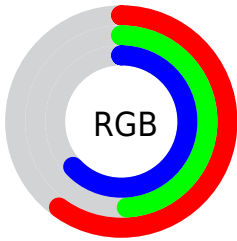
Format	Color
R_{YB}	153, 124, 161
Decimal	10058913
CIE _{Lab}	55.85, 18.09, -15.56
CIE _{LCh}	56, 23.859, 319.309
Yxy	23.7608, 0.3063, 0.2718
Android (android.graphics.Color)	4288248993 (0xFF997CA1)
YUV	136.8890, 11.8867, 14.1293
Hunter-Lab	48.7451, 12.7531, -10.7527

Details

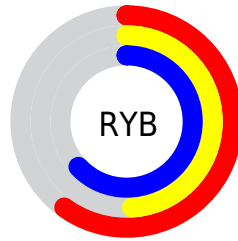
The RYB color **153, 124, 161** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **124, 161, 153**, and the grayscale version is **137, 137, 137**.

A 20% lighter version of the original color is **208, 177, 216**, and **102, 75, 109** is the 20% darker color. If you saturate the color by 10%, you get **150, 108, 161**, and if you desaturate by 10%, it is **156, 140, 161**.

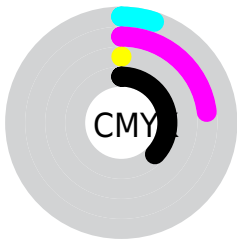
Distribution



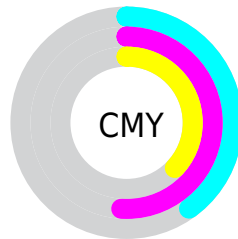
- Red (60%)
- Green (49%)
- Blue (63%)



- Red (60%)
- Yellow (49%)
- Blue (63%)



- Cyan (5%)
- Magenta (23%)
- Yellow (0%)
- Black (37%)



- Cyan (40%)
- Magenta (51%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the RYB color 153, 124, 161 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 153, 124, 161 by changing the saturation by 10% instead.


 153, 124, 161

255, 255, 255

 208, 177, 216

 236, 204, 244

 255, 232, 255

 153, 124, 161

 127, 99, 135

 102, 75, 109

 77, 52, 85

 54, 30, 62


 32, 8, 40


 0, 1, 18

 0, 0, 0

 153, 124, 161

 150, 108, 161

 153, 124, 161

 156, 140, 161

146, 92, 161

160, 156, 161

143, 76, 161

161, 172, 170

139, 60, 161

161, 188, 182

136, 44, 161

161, 205, 196

132, 27, 161

161, 221, 208

129, 11, 161

161, 237, 221

126, 0, 161

161, 253, 233

161, 255, 232

Harmonies

Analogous

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



127, 131, 173



153, 124, 161



170, 119, 142

Triad

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



153, 124, 161



135, 155, 93



71, 108, 147

Complementary

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



153, 124, 161



124, 161, 153

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.



88, 123, 145



153, 124, 161



94, 137, 96

Square

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



153, 124, 161



170, 132, 103



106, 142, 137



74, 113, 165

Rectangle

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



153, 124, 161



175, 119, 128



106, 142, 137



75, 111, 145

Sweetspot

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



153, 124, 161



206, 194, 209



124, 131, 161



103, 96, 105



232, 232, 232



105, 105, 105

Same Dimension

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



153, 124, 161



196, 151, 209



161, 124, 151



80, 73, 82



114, 0, 145



14, 0, 18

Inverse Universe

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



161, 124, 132



209, 151, 163



124, 153, 161



82, 73, 75



145, 0, 31



18, 0, 4

Previews

White Background



This preview shows how the RYB color 153, 124, 161 looks on a white background.

Color Contrast Check

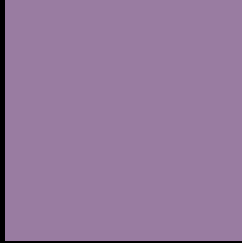
Large Text (above 18pt) WCAG AA ✓ Pass

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 153, 124, 161 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

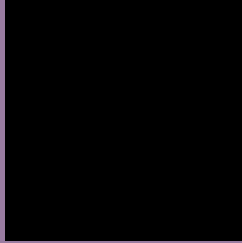
Any Text WCAG AA ✓ Pass

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](#).

RGB 153, 124, 161 Background



This preview shows how black text looks on a background with the RGB color 153, 124, 161.



This preview shows how white text looks on a background with the RGB color 153, 124, 161.

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
153, 124, 161

Protanopia
126, 132, 167

Deuteranopia
134, 131, 160



Tritanopia
150, 128, 138

Trichromacy



Original Color
153, 124, 161

Protanomaly
136, 130, 165

Deuteranomaly
141, 128, 160

Tritanomaly
151, 127, 146

Monochromacy



Original Color
153, 124, 161

Achromatopsia
137, 137, 137

Achromatomaly
143, 132, 146

CSS Examples

Text

The CSS property to change the color of the text to RYB 153, 124, 161 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(153, 124, 161) looks like.

```
.text, #text, p{  
    color:rgb(153, 124, 161)  
}
```

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(153, 124, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 124, 161) }
```

Border

The CSS property to change the border of an element to RYB 153, 124, 161 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(153, 124, 161) }
```

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

```
.border{ border-color:rgb(153, 124, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 124, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 124, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 124, 161);  
box-shadow:4px 4px 4px 4px rgb(153, 124,  
161) }
```

Background

The CSS property to change the background color of an element to RYB 153, 124, 161 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 124, 161) }
```

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

```
.background{ background-color: rgb(153,  
124, 161) }
```

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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