

Converting Colors

`RYB(157, 124, 151)`

Have a look what the booklet for
RYB(157, 124, 151) contains.

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Color

R_YB(157, 124, 151)

Conversions

Conversions Part 1

Format	Color
Hex	9D7C97
RGB	157, 124, 151
RGB Percent	62%, 49%, 59%
CMY	0.3843, 0.5137, 0.4078
CMYK	0.00, 0.21, 0.04, 0.38
HSL	311°, 14%, 55%
HSV	311°, 21%, 62%
XYZ	26.6982, 23.8178, 32.4683
YIQ	136.9450, 11.0010, 15.3930

Conversions

Conversions Part 2

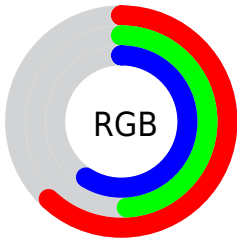
Format	Color
R _Y B	157, 124, 151
Decimal	10321047
CIE Lab	55.90, 17.52, -9.64
CIE LCh	56, 19.999, 331.170
Yxy	23.8178, 0.3217, 0.2870
Android (android.graphics.Color)	4288511127 (0xFF9D7C97)
YUV	136.9450, 6.9291, 17.5882
Hunter-Lab	48.8035, 12.2434, -5.2824

Details

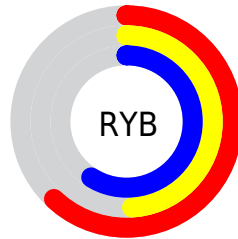
The RYB color **157, 124, 151** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **124, 152, 157**, and the grayscale version is **137, 137, 137**.

A 20% lighter version of the original color is **212, 177, 205**, and **105, 75, 100** is the 20% darker color. If you saturate the color by 10%, you get **157, 108, 148**, and if you desaturate by 10%, it is **157, 140, 154**.

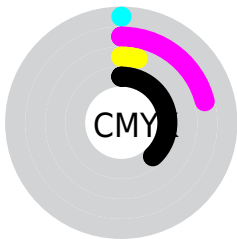
Distribution



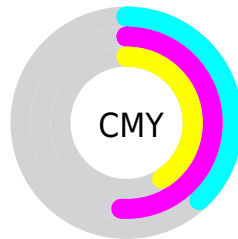
- Red (62%)
- Green (49%)
- Blue (59%)



- Red (62%)
- Yellow (49%)
- Blue (59%)



- Cyan (0%)
- Magenta (21%)
- Yellow (4%)
- Black (38%)



- Cyan (38%)
- Magenta (51%)
- Yellow (41%)


Brightness & Saturation Gradients

These gradients show how the RYB color 157, 124, 151 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 157, 124, 151 by changing the saturation by 10% instead.


 157, 124, 151


255, 255, 255

 212, 177, 205


 240, 204, 233

 255, 232, 255

 157, 124, 151

 131, 99, 125

 105, 75, 100


 81, 52, 76


 57, 30, 53

 36, 8, 32


 0, 0, 6

 0, 0, 0

 157, 124, 151

 157, 108, 148

 157, 124, 151

 157, 140, 154

157, 93, 145

157, 155, 157

157, 77, 142

157, 169, 171

157, 61, 140

157, 183, 187

157, 45, 137

157, 196, 203

157, 30, 134

157, 209, 218

157, 14, 131

157, 222, 234

157, 0, 128

157, 236, 250

157, 238, 255

Harmonies

Analogous

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



138, 129, 164



157, 124, 151



168, 121, 134

Triad

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



157, 124, 151



117, 146, 99



84, 115, 151

Complementary

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



157, 124, 151



124, 152, 157

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.



91, 120, 144



157, 124, 151



104, 138, 115

Square

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



157, 124, 151



161, 143, 104



108, 135, 142



93, 121, 164

Rectangle

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



157, 124, 151



170, 122, 122



108, 135, 142



84, 114, 146

Sweetspot

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



157, 124, 151



204, 192, 202



129, 124, 157



102, 95, 101



230, 230, 230



102, 102, 102

Same Dimension

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



157, 124, 151



204, 153, 195



157, 124, 135



79, 71, 78



143, 0, 117



15, 0, 13

Inverse Universe

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



157, 124, 151



204, 153, 195



124, 144, 157



79, 71, 78



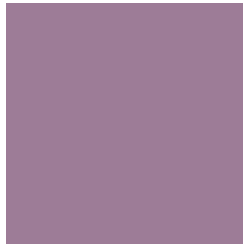
143, 0, 117



15, 0, 13

Previews

White Background



This preview shows how the RYB color 157, 124, 151 looks on a white background.

Color Contrast Check

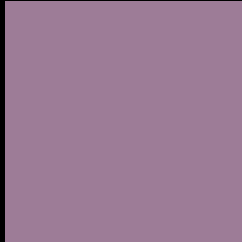
Large Text (above 18pt) WCAG AA ✓ Pass

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 157, 124, 151 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

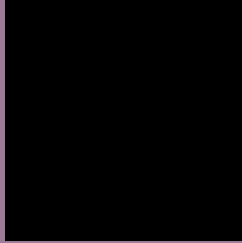
Any Text WCAG AA ✓ Pass

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 157, 124, 151 Background



This preview shows how black text looks on a background with the RYB color 157, 124, 151.



This preview shows how white text looks on a background with the RYB color 157, 124, 151.

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
157, 124, 151

Protanopia
130, 133, 157

Deuteranopia
140, 131, 150



Tritanopia
155, 127, 136

Trichromacy



Original Color
157, 124, 151

Protanomaly
140, 130, 155

Deuteranomaly
146, 128, 150

Tritanomaly
156, 126, 141

Monochromacy



Original Color
157, 124, 151

Achromatopsia
137, 137, 137

Achromatomaly
144, 132, 142

CSS Examples

Text

The CSS property to change the color of the text to RYB 157, 124, 151 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(157, 124, 151) looks like.

```
.text, #text, p{  
    color:rgb(157, 124, 151)  
}
```

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(157, 124, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 124, 151) }
```

Border

The CSS property to change the border of an element to RYB 157, 124, 151 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(157, 124, 151) }
```

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

```
.border{ border-color:rgb(157, 124, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 124, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 124, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 124, 151);  
box-shadow:4px 4px 4px 4px rgb(157, 124,  
151) }
```

Background

The CSS property to change the background color of an element to RYB 157, 124, 151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 124, 151) }
```

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

```
.background{ background-color: rgb(157,  
124, 151) }
```

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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