

Converting Colors

`RYB(159, 124, 149)`

Have a look what the booklet for
RYB(159, 124, 149) contains.

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Color

R_YB(159, 124, 149)

Conversions

Conversions Part 1

Format	Color
Hex	9F7C95
RGB	159, 124, 149
RGB Percent	62%, 49%, 58%
CMY	0.3765, 0.5137, 0.4157
CMYK	0.00, 0.22, 0.06, 0.38
HSL	317°, 15%, 55%
HSV	317°, 22%, 62%
XYZ	26.9305, 23.9562, 31.6384
YIQ	137.3150, 12.8350, 15.1950

Conversions

Conversions Part 2

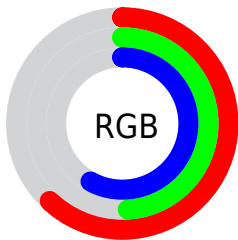
Format	Color
R _{YB}	159, 124, 149
Decimal	10452117
CIE Lab	56.04, 17.87, -8.26
CIE LCh	56, 19.683, 335.201
Yxy	23.9562, 0.3263, 0.2903
Android (android.graphics.Color)	4288642197 (0xFF9F7C95)
YUV	137.3150, 5.7607, 19.0177
Hunter-Lab	48.9450, 12.5605, -4.0639

Details

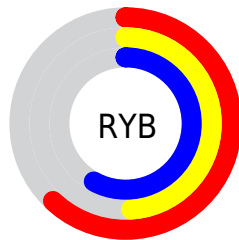
The RYB color **159, 124, 149** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **124, 151, 159**, and the grayscale version is **137, 137, 137**.

A 20% lighter version of the original color is **214, 177, 203**, and **107, 75, 98** is the 20% darker color. If you saturate the color by 10%, you get **159, 108, 144**, and if you desaturate by 10%, it is **159, 140, 154**.

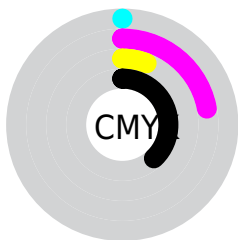
Distribution



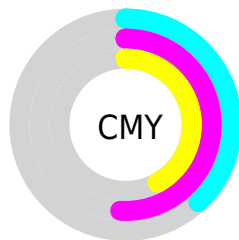
- Red (62%)
- Green (49%)
- Blue (58%)



- Red (62%)
- Yellow (49%)
- Blue (58%)



- Cyan (0%)
- Magenta (22%)
- Yellow (6%)
- Black (38%)




- Cyan (38%)
- Magenta (51%)
- Yellow (42%)


Brightness & Saturation Gradients

These gradients show how the RYB color 159, 124, 149 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 159, 124, 149 by changing the saturation by 10% instead.

 159, 124, 149

255, 255, 255

 214, 177, 203


 243, 204, 231

 255, 233, 255

 159, 124, 149

 133, 99, 123

 107, 75, 98

 83, 52, 74

 59, 30, 52

 37, 8, 31

 0, 0, 4

 0, 0, 0

 159, 124, 149

 159, 108, 144

 159, 124, 149

 159, 140, 154

159, 92, 140

159, 156, 158

159, 76, 135

159, 169, 172

159, 60, 131

159, 182, 188

159, 45, 126

159, 194, 204

159, 29, 122

159, 206, 219

159, 13, 117

159, 218, 235

159, 0, 114

159, 231, 251

159, 232, 255

Harmonies

Analogous

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



141, 129, 162



159, 124, 149



168, 122, 132

Triad

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



159, 124, 149



113, 144, 100



85, 116, 153

Complementary

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



159, 124, 149



124, 151, 159

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.



90, 119, 144



159, 124, 149



106, 139, 120

Square

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



159, 124, 149



159, 147, 104



106, 133, 143



96, 123, 165

Rectangle

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



159, 124, 149



169, 123, 121



106, 133, 143



85, 115, 148

Sweetspot

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



159, 124, 149



207, 192, 202



134, 124, 159



105, 96, 102



232, 232, 232



105, 105, 105

Same Dimension

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



159, 124, 149



207, 153, 191



159, 124, 132



79, 71, 77



143, 0, 102



15, 0, 11

Inverse Universe

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



159, 124, 149



207, 153, 191



124, 144, 159



79, 71, 77



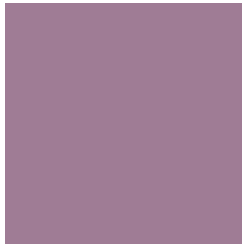
143, 0, 102



15, 0, 11

Previews

White Background



This preview shows how the RYB color 159, 124, 149 looks on a white background.

Color Contrast Check

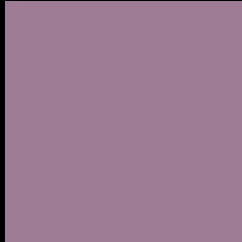
Large Text (above 18pt) WCAG AA ✓ Pass

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 159, 124, 149 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

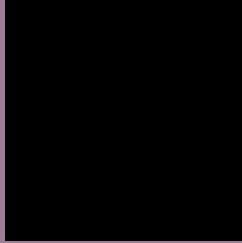
Any Text WCAG AA ✓ Pass

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 159, 124, 149 Background



This preview shows how black text looks on a background with the RYB color 159, 124, 149.



This preview shows how white text looks on a background with the RYB color 159, 124, 149.

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
[159, 124, 149](#)

Protanopia
[131, 133, 155](#)

Deuteranopia
[142, 131, 148](#)



Tritanopia
157, 126, 136

Trichromacy



Original Color
159, 124, 149

Protanomaly
141, 130, 153

Deuteranomaly
148, 128, 148

Tritanomaly
158, 125, 141

Monochromacy



Original Color
159, 124, 149

Achromatopsia
137, 137, 137

Achromatomaly
145, 132, 141

CSS Examples

Text

The CSS property to change the color of the text to RYB 159, 124, 149 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(159, 124, 149) looks like.

```
.text, #text, p{  
    color:rgb(159, 124, 149)  
}
```

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(159, 124, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 124, 149) }
```

Border

The CSS property to change the border of an element to RYB 159, 124, 149 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(159, 124, 149) }
```

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

```
.border{ border-color:rgb(159, 124, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 124, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 124, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 124, 149);  
box-shadow:4px 4px 4px 4px rgb(159, 124,  
149) }
```

Background

The CSS property to change the background color of an element to RYB 159, 124, 149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 124, 149) }
```

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

```
.background{ background-color: rgb(159,  
124, 149) }
```

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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