

# Converting Colors

`RYB(149, 104, 134)`

Have a look what the booklet for  
RYB(149, 104, 134) contains.

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# Color

**R<sub>Y</sub>B(149, 104, 134)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	956886
RGB	149, 104, 134
RGB Percent	58%, 41%, 53%
CMY	0.4157, 0.5922, 0.4745
CMYK	0.00, 0.30, 0.10, 0.42
HSL	320°, 18%, 50%
HSV	320°, 30%, 58%
XYZ	21.6478, 18.0114, 24.8898
YIQ	120.8750, 17.1900, 18.8700

# Conversions

## Conversions Part 2

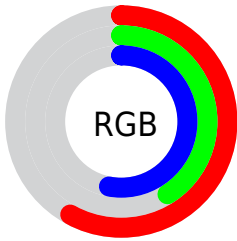
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	149, 104, 134
Decimal	9791622
CIE <sub>Lab</sub>	49.51, 22.98, -9.34
CIE <sub>LCh</sub>	50, 24.803, 337.879
Yxy	18.0114, 0.3354, 0.2790
Android (android.graphics.Color)	4287981702 (0xFF956886)
YUV	120.8750, 6.4706, 24.6656
Hunter-Lab	42.4399, 16.7799, -5.0641

# Details

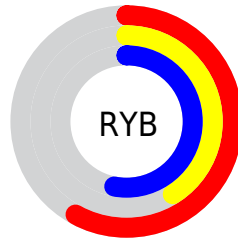
The RYB color **149, 104, 134** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **104, 138, 149**, and the grayscale version is **121, 121, 121**.

A 20% lighter version of the original color is **204, 156, 187**, and **97, 56, 84** is the 20% darker color. If you saturate the color by 10%, you get **149, 89, 129**, and if you desaturate by 10%, it is **149, 119, 139**.

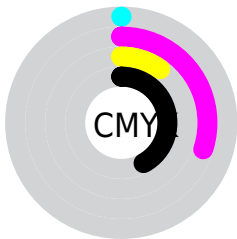
# Distribution



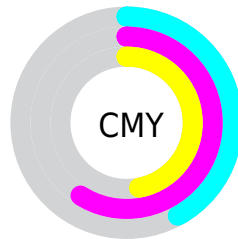
- Red (58%)
- Green (41%)
- Blue (53%)



- Red (58%)
- Yellow (41%)
- Blue (53%)



- Cyan (0%)
- Magenta (30%)
- Yellow (10%)
- Black (42%)



- Cyan (42%)
- Magenta (59%)
- Yellow (47%)

# Brightness & Saturation Gradients


These gradients show how the RYB color 149, 104, 134 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 149, 104, 134 by changing the saturation by 10% instead.



 149, 104, 134

255, 255, 255

 204, 156, 187

 232, 183, 215


 255, 210, 243

 255, 239, 255


 149, 104, 134

 123, 80, 109

 97, 56, 84

 73, 34, 61

 49, 11, 39

 31, 0, 19


 0, 0, 0

 149, 104, 134

 149, 89, 129

 149, 74, 124

 149, 104, 134

 149, 119, 139

 149, 134, 144

149, 59, 119

149, 149, 149

149, 44, 114

149, 160, 164

149, 30, 109

149, 172, 179

149, 15, 104

149, 182, 193

149, 0, 99

149, 193, 208

149, 204, 223

149, 216, 238

# Harmonies

## Analogous

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



128, 110, 151



149, 104, 134



159, 102, 113

# Triad

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



149, 104, 134



87, 127, 76



46, 90, 143

# Complementary

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



149, 104, 134



104, 138, 149

# 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.



55, 94, 129



149, 104, 134



84, 124, 104

# Square

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



149, 104, 134



146, 140, 79



79, 113, 128



66, 101, 156

# Rectangle

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



149, 104, 134



159, 103, 99



79, 113, 128



46, 89, 137



# Sweetspot

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



149, 104, 134



194, 176, 188



119, 104, 149



97, 86, 93



224, 224, 224



97, 97, 97



# Same Dimension

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



149, 104, 134



194, 124, 171



149, 104, 112



74, 67, 71



138, 0, 92



10, 0, 7



# Inverse Universe

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



149, 104, 134



194, 124, 171



104, 128, 149



74, 67, 71



138, 0, 92

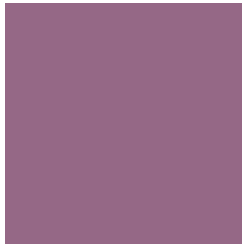


10, 0, 7



# Previews

## White Background



This preview shows how the RYB color 149, 104, 134 looks on a white background.

## Color Contrast Check

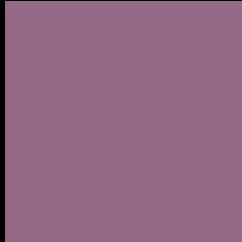
Large Text (above 18pt) WCAG AA ✓ Pass

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 149, 104, 134 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

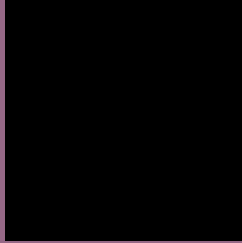
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## RYB 149, 104, 134 Background



This preview shows how black text looks on a background with the RYB color 149, 104, 134.



This preview shows how white text looks on a background with the RYB color 149, 104, 134.

# 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**


149, 104, 134

**Protanopia**

112, 116, 143

**Deuteranopia**

123, 115, 132



**Tritanopia**  
147, 107, 116

# Trichromacy



**Original Color**

149, 104, 134

**Protanomaly**

125, 112, 140

**Deuteranomaly**

132, 111, 133

**Tritanomaly**

148, 106, 123

# Monochromacy



**Original Color**

149, 104, 134

**Achromatopsia**

121, 121, 121

**Achromatomaly**

131, 115, 126

# CSS Examples

## Text

The CSS property to change the color of the text to RYB 149, 104, 134 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(149, 104, 134) looks like.

```
.text, #text, p{  
    color:rgb(149, 104, 134)  
}
```

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(149, 104, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 104, 134) }
```

## Border

The CSS property to change the border of an element to RYB 149, 104, 134 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(149, 104, 134) }
```

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

```
.border{ border-color:rgb(149, 104, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 104, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 104, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 104, 134);  
box-shadow:4px 4px 4px 4px rgb(149, 104,  
134) }
```

# Background

The CSS property to change the background color of an element to RYB 149, 104, 134 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 104, 134) }
```

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

```
.background{ background-color: rgb(149,  
104, 134) }
```

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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