

# Converting Colors

`RYB(144, 112, 132)`

Have a look what the booklet for  
RYB(144, 112, 132) contains.

<b>RYB(144, 112, 132)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**R<sub>Y</sub>B(144, 112, 132)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	907084
RGB	144, 112, 132
RGB Percent	56%, 44%, 52%
CMY	0.4353, 0.5608, 0.4824
CMYK	0.00, 0.22, 0.08, 0.44
HSL	322°, 13%, 50%
HSV	322°, 22%, 56%
XYZ	21.4606, 19.1836, 24.4015
YIQ	123.8480, 12.6520, 13.0040

# Conversions

## Conversions Part 2

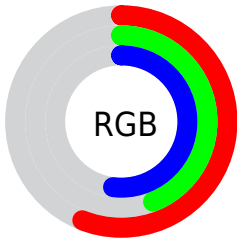
<b>Format</b>	<b>Color</b>
<b>RYB</b>	144, 112, 132
Decimal	9465988
CIELab	50.90, 16.10, -6.14
CIELCh	51, 17.228, 339.135
Yxy	19.1836, 0.3299, 0.2949
Android (android.graphics.Color)	4287656068 (0xFF907084)
YUV	123.8480, 4.0189, 17.6733
Hunter-Lab	43.7991, 10.8129, -2.3725

# Details

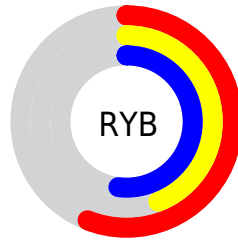
The RYB color **144, 112, 132** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **112, 135, 144**, and the grayscale version is **124, 124, 124**.

A 20% lighter version of the original color is **198, 164, 185**, and **93, 64, 83** is the 20% darker color. If you saturate the color by 10%, you get **144, 98, 127**, and if you desaturate by 10%, it is **144, 126, 137**.

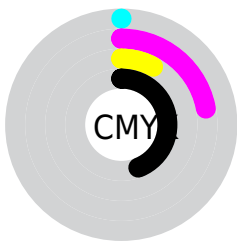
# Distribution



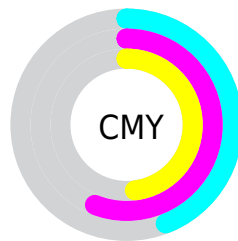
- Red (56%)
- Green (44%)
- Blue (52%)



- Red (56%)
- Yellow (44%)
- Blue (52%)



- Cyan (0%)
- Magenta (22%)
- Yellow (8%)
- Black (44%)



- Cyan (44%)
- Magenta (56%)
- Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the RYB color 144, 112, 132 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 144, 112, 132 by changing the saturation by 10% instead.



 144, 112, 132


255, 255, 255

 198, 164, 185

 226, 191, 213

 255, 219, 241

 255, 248, 255

 144, 112, 132

 118, 87, 107

 93, 64, 83

 69, 42, 60

 46, 21, 38

 28, 0, 17


 0, 0, 0


 144, 112, 132

 144, 98, 127

 144, 83, 121

 144, 112, 132

 144, 126, 137

 144, 141, 143

■ 144, 69, 116

■ 144, 152, 155

■ 144, 54, 110

■ 144, 163, 170

■ 144, 40, 105

■ 144, 173, 184

■ 144, 26, 100

■ 144, 183, 198

■ 144, 11, 94

■ 144, 194, 213

■ 144, 0, 90

■ 144, 204, 227

■ 144, 215, 242

# Harmonies

## Analogous

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



129, 116, 144



144, 112, 132



151, 111, 117

# Triad

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



144, 112, 132



99, 128, 92



80, 107, 139

# Complementary

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



144, 112, 132



112, 135, 144

# 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.



83, 108, 130



144, 112, 132



98, 126, 113

# Square

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



144, 112, 132



141, 139, 94



95, 119, 129



91, 113, 148

# Rectangle

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



144, 112, 132



151, 112, 108



95, 119, 129



80, 106, 135



# Sweetspot

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



144, 112, 132



186, 173, 181



124, 112, 144



94, 87, 92



222, 222, 222



94, 94, 94



# Same Dimension

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



144, 112, 132



186, 136, 167



144, 112, 116



71, 64, 69



135, 0, 84



8, 0, 5



# Inverse Universe

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



144, 112, 132



186, 136, 167



112, 129, 144



71, 64, 69



135, 0, 84



8, 0, 5



# Previews

## White Background



This preview shows how the RYB color 144, 112, 132 looks on a white background.

## Color Contrast Check

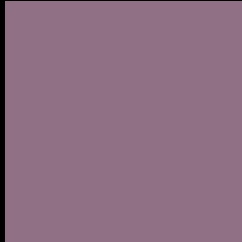
Large Text (above 18pt) WCAG AA ✓ Pass

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 144, 112, 132 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

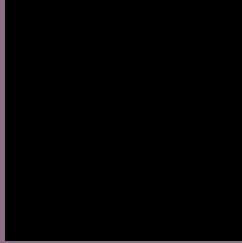
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## RYB 144, 112, 132 Background



This preview shows how black text looks on a background with the RYB color 144, 112, 132.



This preview shows how white text looks on a background with the RYB color 144, 112, 132.

# 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**


[144, 112, 132](#)

**Protanopia**

[119, 121, 137](#)

**Deuteranopia**

[129, 118, 131](#)



**Tritanopia**  
143, 114, 122

# Trichromacy



**Original Color**

144, 112, 132

**Protanomaly**

128, 118, 135

**Deuteranomaly**

134, 116, 131

**Tritanomaly**

143, 113, 126

# Monochromacy



**Original Color**

144, 112, 132

**Achromatopsia**

124, 124, 124

**Achromatomaly**

131, 120, 127

# CSS Examples

## Text

The CSS property to change the color of the text to RYB 144, 112, 132 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(144, 112, 132) looks like.

```
.text, #text, p{  
    color:rgb(144, 112, 132)  
}
```

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(144, 112, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 112, 132) }
```

## Border

The CSS property to change the border of an element to RYB 144, 112, 132 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(144, 112, 132) }
```

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

```
.border{ border-color:rgb(144, 112, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 112, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 112, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 112, 132);  
box-shadow:4px 4px 4px 4px rgb(144, 112,  
132) }
```

# Background

The CSS property to change the background color of an element to RYB 144, 112, 132 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 112, 132) }
```

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

```
.background{ background-color: rgb(144,  
112, 132) }
```

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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