

Converting Colors

`RYB(135, 109, 114)`

Have a look what the booklet for
RYB(135, 109, 114) contains.

RYB(135, 109, 114)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(135, 109, 114)

Conversions

Conversions Part 1

Format	Color
Hex	876D72
RGB	135, 109, 114
RGB Percent	53%, 43%, 45%
CMY	0.4706, 0.5725, 0.5529
CMYK	0.00, 0.19, 0.16, 0.47
HSL	348°, 11%, 48%
HSV	348°, 19%, 53%
XYZ	18.4976, 17.3031, 18.2845
YIQ	117.3440, 13.8910, 7.0670

Conversions

Conversions Part 2

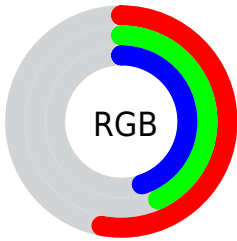
Format	Color
R_{YB}	135, 109, 114
Decimal	8875378
CIE Lab	48.64, 11.13, 1.11
CIE LCh	49, 11.189, 5.675
Yxy	17.3031, 0.3420, 0.3199
Android (android.graphics.Color)	4287065458 (0xFF876D72)
YUV	117.3440, -1.6486, 15.4843
Hunter-Lab	41.5970, 6.5817, 3.0562

Details

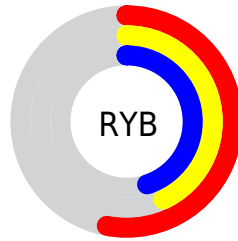
The RYB color **135, 109, 114** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **109, 123, 135**, and the grayscale version is **117, 117, 117**.

A 20% lighter version of the original color is **189, 161, 166**, and **85, 61, 66** is the 20% darker color. If you saturate the color by 10%, you get **135, 95, 103**, and if you desaturate by 10%, it is **135, 122, 125**.

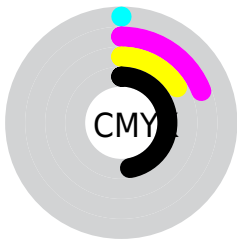
Distribution



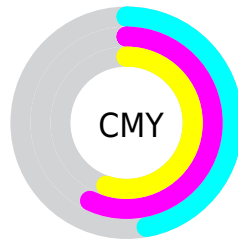
- Red (53%)
- Green (43%)
- Blue (45%)



- Red (53%)
- Yellow (43%)
- Blue (45%)



- Cyan (0%)
- Magenta (19%)
- Yellow (16%)
- Black (47%)



- Cyan (47%)
- Magenta (57%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the RYB color 135, 109, 114 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 135, 109, 114 by changing the saturation by 10% instead.

 135, 109, 114

255, 255, 255

 189, 161, 166

 216, 188, 193

 245, 215, 221

 255, 244, 249

 135, 109, 114


 135, 95, 103

 135, 82, 92

 135, 109, 114

 109, 85, 90

 85, 61, 66

 61, 39, 44

 39, 19, 24

 13, 0, 0

 0, 0, 0

 135, 109, 114

 135, 122, 125

 135, 136, 136

■ 135, 68, 81

■ 135, 143, 150

■ 135, 55, 70

■ 135, 150, 163

■ 135, 41, 59

■ 135, 158, 177

■ 135, 28, 49

■ 135, 166, 190

■ 135, 14, 38

■ 135, 173, 203

■ 135, 1, 27

■ 135, 180, 217

■ 135, 0, 26

■ 135, 187, 230

Harmonies

Analogous

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



130, 110, 123



135, 109, 114



135, 111, 105

Triad

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



135, 109, 114



100, 118, 107



97, 111, 132

Complementary

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



135, 109, 114



109, 123, 135

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, 107, 126



135, 109, 114



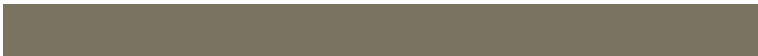
100, 115, 120

Square

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



135, 109, 114



105, 121, 97



93, 108, 121



107, 114, 134

Rectangle

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



135, 109, 114



132, 117, 100



93, 108, 121



94, 109, 131

Sweetspot

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



135, 109, 114



176, 165, 167



130, 109, 135



89, 83, 84



217, 217, 217



89, 89, 89

Same Dimension

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



135, 109, 114



176, 135, 143



135, 121, 109



66, 60, 61



130, 0, 25



3, 0, 0

Inverse Universe

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



135, 109, 114



176, 135, 143



109, 120, 135



66, 60, 61



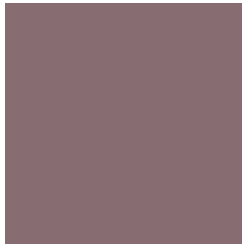
130, 0, 25



3, 0, 0

Previews

White Background



This preview shows how the RYB color 135, 109, 114 looks on a white background.

Color Contrast Check

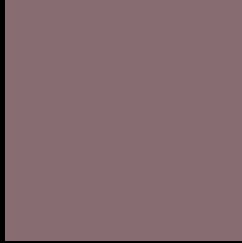
Large Text (above 18pt) WCAG AA ✓ Pass

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 135, 109, 114 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

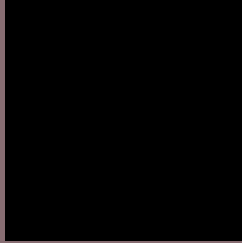
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

RYB 135, 109, 114 Background



This preview shows how black text looks on a background with the RYB color 135, 109, 114.



This preview shows how white text looks on a background with the RYB color 135, 109, 114.

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


135, 109, 114

Protanopia

117, 115, 117

Deuteranopia

128, 112, 113



Tritanopia
135, 109, 117

Trichromacy



Original Color

135, 109, 114

Protanomaly

124, 113, 116

Deuteranomaly

131, 111, 113

Tritanomaly

135, 109, 116

Monochromacy



Original Color

135, 109, 114

Achromatopsia

117, 117, 117

Achromatomaly

124, 114, 116

CSS Examples

Text

The CSS property to change the color of the text to RYB 135, 109, 114 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(135, 109, 114) looks like.

```
.text, #text, p{  
    color:rgb(135, 109, 114)  
}
```

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(135, 109, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 109, 114) }
```

Border

The CSS property to change the border of an element to RYB 135, 109, 114 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(135, 109, 114) }
```

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

```
.border{ border-color:rgb(135, 109, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 109, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(135, 109, 114); -webkit-box-shadow:4px 4px 4px 4px rgb(135, 109, 114); box-shadow:4px 4px 4px 4px rgb(135, 109, 114) }
```

Background

The CSS property to change the background color of an element to RYB 135, 109, 114 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 109, 114) }
```

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

```
.background{ background-color: rgb(135,  
109, 114) }
```

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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