

Converting Colors

`RYB(149, 128, 134)`

Have a look what the booklet for
RYB(149, 128, 134) contains.

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Color

R_YB(149, 128, 134)

Conversions

Conversions Part 1

Format	Color
Hex	958086
RGB	149, 128, 134
RGB Percent	58%, 50%, 53%
CMY	0.4157, 0.4980, 0.4745
CMYK	0.00, 0.14, 0.10, 0.42
HSL	343°, 9%, 54%
HSV	343°, 14%, 58%
XYZ	24.4167, 23.5491, 25.8128
YIQ	134.9630, 10.5900, 6.3180

Conversions

Conversions Part 2

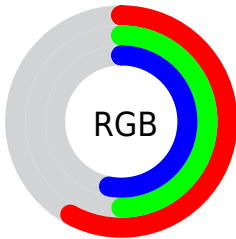
Format	Color
R_{YB}	149, 128, 134
Decimal	9797766
CIE Lab	55.63, 9.08, -0.28
CIE LCh	56, 9.087, 358.264
Yxy	23.5491, 0.3309, 0.3192
Android (android.graphics.Color)	4287987846 (0xFF958086)
YUV	134.9630, -0.4748, 12.3104
Hunter-Lab	48.5275, 4.8896, 2.4316

Details

The RYB color **149, 128, 134** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **128, 140, 149**, and the grayscale version is **135, 135, 135**.

A 20% lighter version of the original color is **203, 181, 187**, and **98, 79, 84** is the 20% darker color. If you saturate the color by 10%, you get **149, 113, 123**, and if you desaturate by 10%, it is **149, 143, 145**.

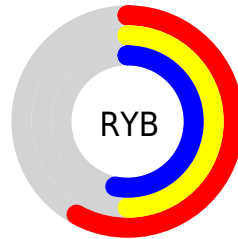
Distribution



Red (58%)

Green (50%)

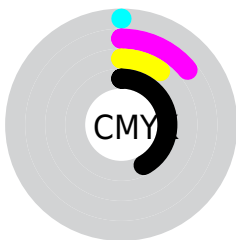
Blue (53%)



Red (58%)

Yellow (50%)

Blue (53%)

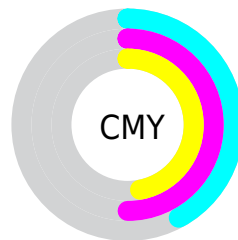


Cyan (0%)

Magenta (14%)

Yellow (10%)

Black (42%)



Cyan (42%)

Magenta (50%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the RYB color 149, 128, 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, 128, 134 by changing the saturation by 10% instead.

 149, 128, 134

255, 255, 255

 203, 181, 187


 231, 208, 215


 255, 237, 243

 149, 128, 134

 123, 103, 109

 98, 79, 84

 74, 56, 61

 51, 34, 40

 30, 13, 19

 0, 0, 0


 149, 128, 134

 149, 113, 123

 149, 98, 113

 149, 128, 134

 149, 143, 145

 149, 154, 158

■ 149, 83, 102

■ 149, 163, 173

■ 149, 68, 91

■ 149, 172, 188

■ 149, 53, 81

■ 149, 181, 203

■ 149, 39, 70

■ 149, 189, 217

■ 149, 24, 60

■ 149, 198, 232

■ 149, 9, 49

■ 149, 206, 247

■ 149, 0, 43

■ 149, 209, 255

Harmonies

Analogous

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



143, 129, 142



149, 128, 134



150, 128, 126

Triad

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



149, 128, 134



119, 135, 122



117, 128, 146

Complementary

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



149, 128, 134



128, 140, 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.



114, 126, 140



149, 128, 134



123, 135, 137

Square

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



149, 128, 134



128, 140, 118



116, 129, 138



124, 131, 149

Rectangle

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



149, 128, 134



149, 131, 122



116, 129, 138



115, 128, 145

Sweetspot

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



149, 128, 134



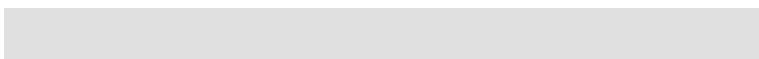
194, 186, 188



143, 128, 149



97, 92, 93



224, 224, 224



97, 97, 97

Same Dimension

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



149, 128, 134



194, 161, 170



149, 133, 128



74, 67, 69



138, 0, 39



10, 0, 3

Inverse Universe

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



149, 128, 134



194, 161, 170



128, 137, 149



74, 67, 69



138, 0, 39



10, 0, 3

Previews

White Background



This preview shows how the RYB color 149, 128, 134 looks on a white background.

Color Contrast Check

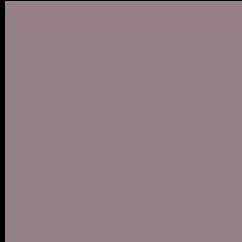
Large Text (above 18pt) WCAG AA ✓ Pass

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 149, 128, 134 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

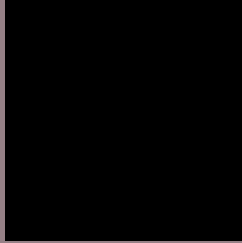
Any Text WCAG AA ✓ Pass

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, 128, 134 Background



This preview shows how black text looks on a background with the RYB color 149, 128, 134.



This preview shows how white text looks on a background with the RYB color 149, 128, 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, 128, 134

Protanopia

135, 133, 137

Deuteranopia

146, 129, 134



Tritanopia
149, 127, 137

Trichromacy



Original Color

149, 128, 134

Protanomaly

140, 131, 136

Deuteranomaly

147, 129, 134

Tritanomaly

149, 127, 136

Monochromacy



Original Color

149, 128, 134

Achromatopsia

135, 135, 135

Achromatomaly

140, 132, 135

CSS Examples

Text

The CSS property to change the color of the text to RYB 149, 128, 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, 128, 134) looks like.

```
.text, #text, p{  
    color:rgb(149, 128, 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, 128, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 128, 134) }
```

Border

The CSS property to change the border of an element to RYB 149, 128, 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, 128, 134) }
```

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

```
.border{ border-color:rgb(149, 128, 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, 128, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 128, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 128, 134);  
box-shadow:4px 4px 4px 4px rgb(149, 128,  
134) }
```

Background

The CSS property to change the background color of an element to RYB 149, 128, 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, 128, 134) }
```

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

```
.background{ background-color: rgb(149,  
128, 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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