

Converting Colors

`RYB(149, 130, 129)`

Have a look what the booklet for
RYB(149, 130, 129) contains.

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Color

R_YB(149, 130, 129)

Conversions

Conversions Part 1

Format	Color
Hex	958281
RGB	149, 130, 129
RGB Percent	58%, 51%, 51%
CMY	0.4157, 0.4904, 0.4941
CMYK	0.00, 0.13, 0.13, 0.42
HSL	3°, 9%, 55%
HSV	3°, 13%, 58%
XYZ	24.3332, 23.9271, 24.1048
YIQ	135.5670, 11.6450, 3.7170

Conversions

Conversions Part 2

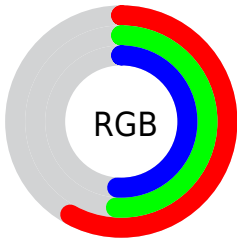
Format	Color
R _Y B	149, 130, 129
Decimal	9798273
CIE Lab	56.01, 7.08, 3.17
CIE LCh	56, 7.756, 24.162
Yxy	23.9271, 0.3363, 0.3306
Android (android.graphics.Color)	4287988353 (0xFF958281)
YUV	135.5670, -3.2375, 11.7807
Hunter-Lab	48.9154, 3.1937, 5.0235

Details

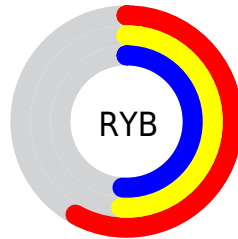
The RYB color **149, 130, 129** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **129, 139, 149**, and the grayscale version is **136, 136, 136**.

A 20% lighter version of the original color is **203, 183, 182**, and **98, 81, 80** is the 20% darker color. If you saturate the color by 10%, you get **149, 116, 114**, and if you desaturate by 10%, it is **149, 144, 144**.

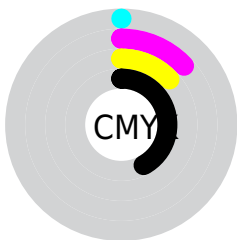
Distribution



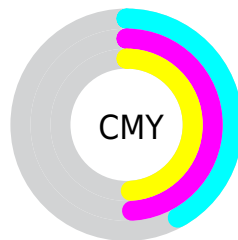
- Red (58%)
- Green (51%)
- Blue (51%)



- Red (58%)
- Yellow (51%)
- Blue (51%)



- Cyan (0%)
- Magenta (13%)
- Yellow (13%)
- Black (42%)



- Cyan (42%)
- Magenta (49%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the RYB color 149, 130, 129 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, 130, 129 by changing the saturation by 10% instead.

 149, 130, 129

255, 255, 255

 203, 183, 182


 231, 210, 209


 255, 239, 238


 149, 130, 129

 123, 105, 104

 98, 81, 80

 74, 58, 57

 51, 36, 36

 31, 15, 14

 0, 0, 0

 149, 130, 129

 149, 116, 114

 149, 102, 99

 149, 130, 129

 149, 144, 144

 149, 154, 159

■ 149, 87, 84

■ 149, 161, 174

■ 149, 73, 69

■ 149, 168, 189

■ 149, 59, 54

■ 149, 176, 204

■ 149, 45, 40

■ 149, 183, 218

■ 149, 31, 25

■ 149, 190, 233

■ 149, 16, 10

■ 149, 197, 248

■ 149, 7, 0

■ 149, 202, 255

Harmonies

Analogous

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



147, 130, 136



149, 130, 129



147, 134, 124

Triad

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



149, 130, 129



126, 137, 137



126, 132, 147

Complementary

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



149, 130, 129



129, 139, 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.



120, 130, 145



149, 130, 129



120, 130, 138

Square

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



149, 130, 129



122, 135, 123



118, 128, 139



134, 133, 146

Rectangle

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



149, 130, 129



139, 143, 121



118, 128, 139



123, 131, 147

Sweetspot

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



149, 130, 129



194, 186, 186



149, 129, 148



97, 92, 92



224, 224, 224



97, 97, 97

Same Dimension

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



149, 130, 129



194, 164, 163



145, 149, 129



74, 67, 67



138, 7, 0



10, 0, 0

Inverse Universe

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



129, 139, 149



163, 178, 194



129, 135, 149



67, 71, 74



0, 67, 138



0, 5, 10

Previews

White Background



This preview shows how the RYB color 149, 130, 129 looks on a white background.

Color Contrast Check

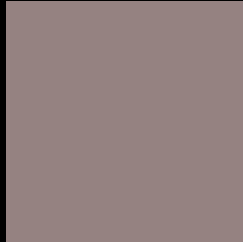
Large Text (above 18pt) WCAG AA ✓ Pass

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, 130, 129 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

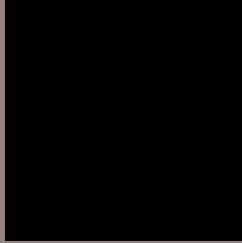
Any Text WCAG AA ✓ Pass

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, 130, 129 Background



This preview shows how black text looks on a background with the RYB color 149, 130, 129.



This preview shows how white text looks on a background with the RYB color 149, 130, 129.

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, 130, 129

Protanopia

137, 137, 131

Deuteranopia

149, 130, 129



Tritanopia
150, 128, 139

Trichromacy



Original Color

149, 130, 129

Protanomaly

141, 134, 130

Deuteranomaly

149, 130, 129

Tritanomaly

150, 129, 135

Monochromacy



Original Color

149, 130, 129

Achromatopsia

136, 136, 136

Achromatomaly

141, 134, 133

CSS Examples

Text

The CSS property to change the color of the text to RYB 149, 130, 129 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, 130, 129) looks like.

```
.text, #text, p{  
    color:rgb(149, 130, 129)  
}
```

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, 130, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 130, 129) }
```

Border

The CSS property to change the border of an element to RYB 149, 130, 129 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, 130, 129) }
```

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

```
.border{ border-color:rgb(149, 130, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 130, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 130, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 130, 129);  
box-shadow:4px 4px 4px 4px rgb(149, 130,  
129) }
```

Background

The CSS property to change the background color of an element to RYB 149, 130, 129 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 130, 129) }
```

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

```
.background{ background-color: rgb(149,  
130, 129) }
```

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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