

Converting Colors

`RYB(138, 134, 129)`

Have a look what the booklet for
RYB(138, 134, 129) contains.

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Color

R_YB(138, 134, 129)

Conversions

Conversions Part 1

Format	Color
Hex	8A8481
RGB	138, 132, 129
RGB Percent	54%, 52%, 51%
CMY	0.4588, 0.4815, 0.4941
CMYK	0.00, 0.04, 0.07, 0.46
HSL	21°, 4%, 52%
HSV	21°, 7%, 54%
XYZ	22.7240, 23.5490, 24.1166
YIQ	133.4520, 4.5390, 0.3390

Conversions

Conversions Part 2

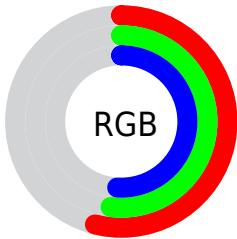
Format	Color
R_{YB}	138, 134, 129
Decimal	9077889
CIE Lab	55.63, 1.56, 2.50
CIE LCh	56, 2.946, 57.973
Yxy	23.5490, 0.3228, 0.3346
Android (android.graphics.Color)	4287267969 (0xFF8A8481)
YUV	133.4520, -2.1948, 3.9886
Hunter-Lab	48.5273, -1.3359, 4.5037

Details

The RYB color **138, 134, 129** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **129, 133, 138**, and the grayscale version is **134, 134, 134**.

A 20% lighter version of the original color is **191, 187, 182**, and **88, 85, 80** is the 20% darker color. If you saturate the color by 10%, you get **138, 127, 115**, and if you desaturate by 10%, it is **138, 140, 143**.

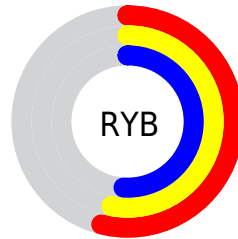
Distribution



Red (54%)

Green (52%)

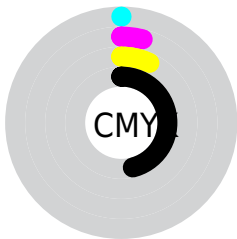
Blue (51%)



Red (54%)

Yellow (53%)

Blue (51%)

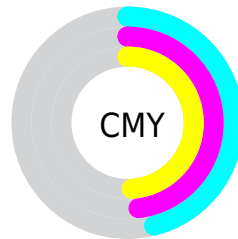


Cyan (0%)

Magenta (4%)

Yellow (7%)

Black (46%)



Cyan (46%)

Magenta (48%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the RYB color 138, 134, 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 138, 134, 129 by changing the saturation by 10% instead.

■ 138, 134, 129

255, 255, 255

■ 191, 187, 182

■ 219, 216, 209

■ 248, 242, 238

■ 138, 134, 129

■ 113, 109, 104

■ 88, 85, 80

■ 65, 62, 57

■ 43, 39, 36

■ 23, 19, 14

■ 0, 0, 0

■ 138, 134, 129

■ 138, 127, 115

■ 138, 121, 101

■ 138, 134, 129

■ 138, 140, 143

■ 138, 145, 157

■ 138, 116, 88

■ 138, 151, 170

■ 138, 110, 74

■ 138, 156, 184

■ 138, 104, 60

■ 138, 162, 198

■ 138, 97, 46

■ 138, 167, 212

■ 138, 91, 32

■ 138, 172, 226

■ 138, 84, 19

■ 138, 178, 239

■ 138, 78, 5

■ 138, 183, 253

Harmonies

Analogous

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



139, 132, 131



138, 134, 129



133, 136, 128

Triad

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



138, 134, 129



128, 132, 135



134, 133, 138

Complementary

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



138, 134, 129



129, 133, 138

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.



131, 133, 138



138, 134, 129



127, 131, 136

Square

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



138, 134, 129



130, 134, 134



128, 132, 137



137, 132, 136

Rectangle

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



138, 134, 129



128, 134, 128



128, 132, 137



133, 133, 138

Sweetspot

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



138, 134, 129



179, 176, 175



138, 129, 135



89, 89, 87



217, 217, 217



89, 89, 89

Same Dimension

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



138, 134, 129



179, 172, 164



130, 138, 129



69, 65, 62



133, 73, 0



5, 3, 0

Inverse Universe

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



129, 133, 138



164, 170, 179



129, 130, 138



62, 65, 69



0, 52, 133



0, 2, 5

Previews

White Background



This preview shows how the RYB color 138, 134, 129 looks on a white background.

Color Contrast Check

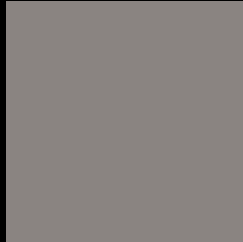
Large Text (above 18pt) WCAG AA ✓ Pass

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 138, 134, 129 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

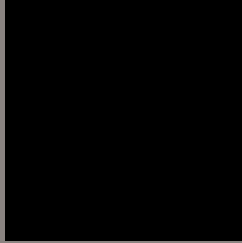
Any Text WCAG AA ✓ Pass

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 138, 134, 129 Background



This preview shows how black text looks on a background with the RYB color 138, 134, 129.



This preview shows how white text looks on a background with the RYB color 138, 134, 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

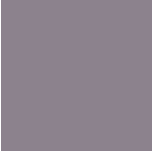
[138](#), [134](#), [129](#)

Protanopia

[137](#), [137](#), [129](#)

Deuteranopia

[147](#), [129](#), [130](#)



Tritanopia
140, 130, 141

Trichromacy



Original Color

138, 134, 129

Protanomaly

137, 137, 129

Deuteranomaly

144, 130, 130

Tritanomaly

139, 131, 137

Monochromacy



Original Color

138, 134, 129

Achromatopsia

134, 134, 134

Achromatomaly

135, 134, 132

CSS Examples

Text

The CSS property to change the color of the text to RYB 138, 134, 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(138, 132, 129) looks like.

```
.text, #text, p{  
    color:rgb(138, 132, 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(138, 132, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 132, 129) }
```

Border

The CSS property to change the border of an element to RYB 138, 134, 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(138, 132, 129) }
```

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

```
.border{ border-color:rgb(138, 132, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 132, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 132, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 132, 129);  
box-shadow:4px 4px 4px 4px rgb(138, 132,  
129) }
```

Background

The CSS property to change the background color of an element to RYB 138, 134, 129 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 132, 129) }
```

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

```
.background{ background-color: rgb(138,  
132, 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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