

Converting Colors

`RYB(128, 131, 137)`

Have a look what the booklet for
RYB(128, 131, 137) contains.

RYB(128, 131, 137)	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(128, 131, 137)

Conversions

Conversions Part 1

Format	Color
Hex	808589
RGB	128, 133, 137
RGB Percent	50%, 52%, 54%
CMY	0.4980, 0.4804, 0.4627
CMYK	0.07, 0.03, 0.00, 0.46
HSL	210°, 4%, 52%
HSV	210°, 7%, 54%
XYZ	21.7367, 23.0338, 26.9672
YIQ	131.9610, -4.2640, 0.1840

Conversions

Conversions Part 2

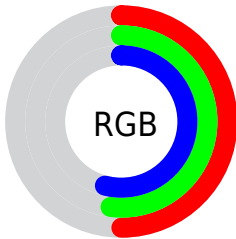
Format	Color
R_YB	128, 131, 137
Decimal	8422793
CIE Lab	55.11, -0.73, -3.00
CIE LCh	55, 3.089, 256.312
Yxy	23.0338, 0.3030, 0.3211
Android (android.graphics.Color)	4286612873 (0xFF808589)
YUV	131.9610, 2.4842, -3.4738
Hunter-Lab	47.9935, -3.1446, 0.2809

Details

The RYB color **128, 131, 137** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **137, 135, 128**, and the grayscale version is **132, 132, 132**.

A 20% lighter version of the original color is **181, 184, 190**, and **79, 82, 87** is the 20% darker color. If you saturate the color by 10%, you get **114, 122, 137**, and if you desaturate by 10%, it is **142, 140, 137**.

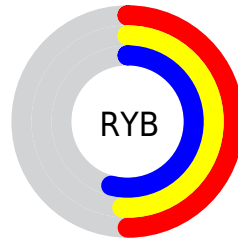
Distribution



Red (50%)

Green (52%)

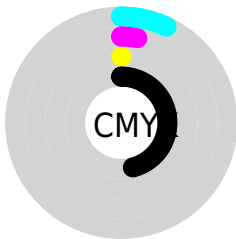
Blue (54%)



Red (50%)

Yellow (51%)

Blue (54%)

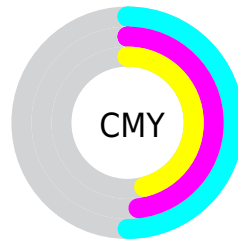


Cyan (7%)

Magenta (3%)

Yellow (0%)

Black (46%)



Cyan (50%)

Magenta (48%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the RYB color 128, 131, 137 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 128, 131, 137 by changing the saturation by 10% instead.

■ 128, 131, 137

255, 255, 255

■ 181, 184, 190

■ 208, 211, 218

■ 237, 240, 247

■ 128, 131, 137

■ 103, 106, 112

■ 79, 82, 87

■ 56, 59, 64

■ 35, 37, 42

■ 13, 16, 22

■ 0, 0, 0

■ 128, 131, 137

■ 114, 122, 137

■ 101, 113, 137

■ 128, 131, 137

■ 142, 140, 137

■ 155, 155, 137

87, 104, 137

169, 169, 137

73, 94, 137

183, 183, 137

59, 85, 137

194, 196, 137

46, 76, 137

208, 210, 137

32, 67, 137

224, 222, 137

18, 58, 137

238, 236, 137

5, 49, 137

251, 251, 137

Harmonies

Analogous

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



126, 130, 136



128, 131, 137



131, 132, 137

Triad

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



128, 131, 137



138, 130, 130



128, 133, 132

Complementary

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



128, 131, 137



137, 135, 128

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.



128, 133, 127



128, 131, 137



137, 133, 128

Square

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



128, 131, 137



137, 130, 133



136, 134, 127



127, 131, 133

Rectangle

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



128, 131, 137



133, 131, 136



136, 134, 127



128, 133, 130

Sweetspot

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



128, 131, 137



175, 176, 179



128, 134, 137



87, 88, 89



217, 217, 217



89, 89, 89

Same Dimension

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



128, 131, 137



164, 169, 179



128, 128, 137



62, 64, 69



0, 44, 133



0, 2, 5

Inverse Universe

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



137, 128, 133



179, 164, 171



128, 137, 128



69, 62, 65



133, 0, 66



5, 0, 3

Previews

White Background



This preview shows how the RYB color 128, 131, 137 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 128, 131, 137 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

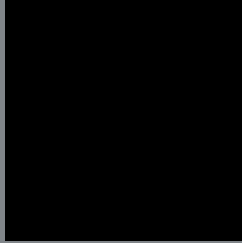
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

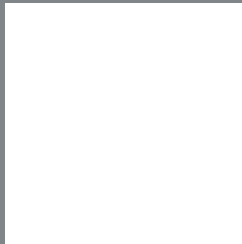
Any Text WCAG AAA × Fail

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

RYB 128, 131, 137 Background



This preview shows how black text looks on a background with the RYB color 128, 131, 137.



This preview shows how white text looks on a background with the RYB color 128, 131, 137.

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


[128](#), [131](#), [137](#)

Protanopia

[133](#), [131](#), [136](#)

Deuteranopia

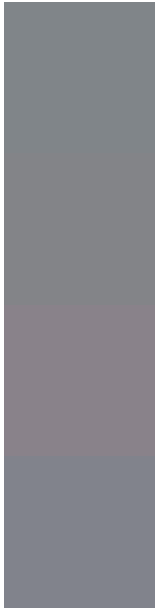
[142](#), [128](#), [138](#)



Tritanopia

129, 131, 142

Trichromacy



Original Color

128, 131, 137

Protanomaly

131, 132, 136

Deuteranomaly

137, 130, 138

Tritanomaly

129, 131, 140

Monochromacy



Original Color

128, 131, 137

Achromatopsia

132, 132, 132

Achromatomaly

131, 132, 134

CSS Examples

Text

The CSS property to change the color of the text to RYB 128, 131, 137 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(128, 133, 137)` looks like.

```
.text, #text, p{  
    color:rgb(128, 133, 137)  
}
```

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(128, 133, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 133, 137) }
```

Border

The CSS property to change the border of an element to RYB 128, 131, 137 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(128, 133, 137) }
```

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

```
.border{ border-color:rgb(128, 133, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 133, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 133, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 133, 137);  
box-shadow:4px 4px 4px 4px rgb(128, 133,  
137) }
```

Background

The CSS property to change the background color of an element to RYB 128, 131, 137 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 133, 137) }
```

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

```
.background{ background-color: rgb(128,  
133, 137) }
```

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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