

Converting Colors

`RYB(131, 127, 122)`

Have a look what the booklet for
RYB(131, 127, 122) contains.

RYB(131, 127, 122)	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(131, 127, 122)

Conversions

Conversions Part 1

Format	Color
Hex	837D7A
RGB	131, 125, 122
RGB Percent	51%, 49%, 48%
CMY	0.4863, 0.5090, 0.5216
CMYK	0.00, 0.04, 0.07, 0.49
HSL	21°, 4%, 50%
HSV	21°, 7%, 51%
XYZ	20.2337, 20.9520, 21.3901
YIQ	126.4520, 4.5390, 0.3390

Conversions

Conversions Part 2

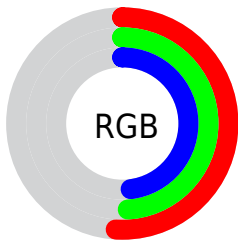
Format	Color
RYB	131, 127, 122
Decimal	8617338
CIELab	52.90, 1.58, 2.52
CIElCh	53, 2.977, 57.952
Yxy	20.9520, 0.3233, 0.3348
Android (android.graphics.Color)	4286807418 (0xFF837D7A)
YUV	126.4520, -2.1948, 3.9886
Hunter-Lab	45.7733, -1.1990, 4.3349

Details

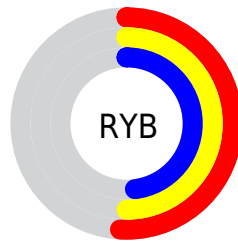
The RYB color **131, 127, 122** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **122, 126, 131**, and the grayscale version is **127, 127, 127**.

A 20% lighter version of the original color is **184, 181, 174**, and **82, 78, 73** is the 20% darker color. If you saturate the color by 10%, you get **131, 122, 109**, and if you desaturate by 10%, it is **131, 133, 135**.

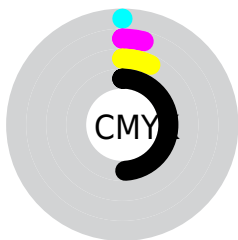
Distribution



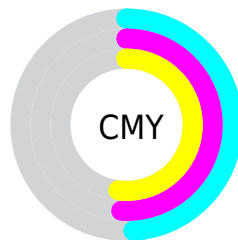
- Red (51%)
- Green (49%)
- Blue (48%)



- Red (51%)
- Yellow (50%)
- Blue (48%)



- Cyan (0%)
- Magenta (4%)
- Yellow (7%)
- Black (49%)



- Cyan (49%)
- Magenta (51%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the RYB color 131, 127, 122 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 131, 127, 122 by changing the saturation by 10% instead.

■ 131, 127, 122

255, 255, 255

■ 184, 181, 174

■ 212, 206, 202

■ 240, 234, 230

■ 131, 127, 122

■ 106, 102, 97

■ 82, 78, 73

■ 59, 56, 51

■ 37, 33, 30

■ 16, 13, 4

■ 0, 0, 0

■ 131, 127, 122

■ 131, 122, 109

■ 131, 114, 96

■ 131, 127, 122

■ 131, 133, 135

■ 131, 138, 148

■ 131, 109, 83

■ 131, 143, 161

■ 131, 104, 70

■ 131, 148, 174

■ 131, 97, 57

■ 131, 153, 187

■ 131, 93, 43

■ 131, 158, 201

■ 131, 86, 30

■ 131, 163, 214

■ 131, 81, 17

■ 131, 169, 227

■ 131, 74, 4

■ 131, 174, 240

Harmonies

Analogous

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



132, 125, 124



131, 127, 122



126, 129, 121

Triad

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



131, 127, 122



121, 125, 128



127, 126, 131

Complementary

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



131, 127, 122



122, 126, 131

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.



124, 126, 131



131, 127, 122



120, 124, 129

Square

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



131, 127, 122



123, 127, 127



121, 125, 130



130, 125, 129

Rectangle

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



131, 127, 122



121, 127, 121



121, 125, 130



126, 126, 131

Sweetspot

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



131, 127, 122



171, 171, 167



131, 122, 128



87, 87, 85



214, 214, 214



87, 87, 87

Same Dimension

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



131, 127, 122



171, 165, 157



123, 131, 122



66, 63, 60



130, 71, 0



3, 2, 0

Inverse Universe

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



122, 126, 131



157, 162, 171



122, 123, 131



60, 62, 66



0, 51, 130



0, 1, 3

Previews

White Background



This preview shows how the RYB color 131, 127, 122 looks on a white background.

Color Contrast Check

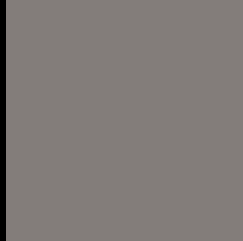
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 131, 127, 122 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

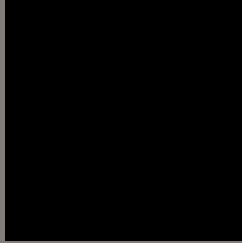
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

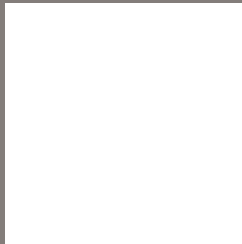
Any Text WCAG AAA × Fail

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

RYB 131, 127, 122 Background



This preview shows how black text looks on a background with the RYB color 131, 127, 122.



This preview shows how white text looks on a background with the RYB color 131, 127, 122.

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

[131](#), [127](#), [122](#)

Protanopia

[127](#), [129](#), [122](#)

Deuteranopia

[140](#), [122](#), [123](#)



Tritanopia
133, 124, 133

Trichromacy



Original Color

131, 127, 122

Protanomaly

130, 130, 122

Deuteranomaly

137, 123, 123

Tritanomaly

132, 124, 129

Monochromacy



Original Color

131, 127, 122

Achromatopsia

127, 127, 127

Achromatomaly

128, 127, 125

CSS Examples

Text

The CSS property to change the color of the text to RYB 131, 127, 122 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(131, 125, 122) looks like.

```
.text, #text, p{  
    color:rgb(131, 125, 122)  
}
```

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(131, 125, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 125, 122) }
```

Border

The CSS property to change the border of an element to RYB 131, 127, 122 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(131, 125, 122) }
```

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

```
.border{ border-color:rgb(131, 125, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 125, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 125, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 125, 122);  
box-shadow:4px 4px 4px 4px rgb(131, 125,  
122) }
```

Background

The CSS property to change the background color of an element to RYB 131, 127, 122 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 125, 122) }
```

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

```
.background{ background-color: rgb(131,  
125, 122) }
```

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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