

Converting Colors

`RYB(131, 113, 108)`

Have a look what the booklet for
RYB(131, 113, 108) contains.

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Color

R_YB(131, 113, 108)

Conversions

Conversions Part 1

Format	Color
Hex	83706C
RGB	131, 112, 108
RGB Percent	51%, 44%, 42%
CMY	0.4863, 0.5604, 0.5765
CMYK	0.00, 0.14, 0.18, 0.49
HSL	11°, 10%, 47%
HSV	11°, 18%, 51%
XYZ	17.8728, 17.5200, 16.6271
YIQ	117.2250, 12.6080, 2.7840

Conversions

Conversions Part 2

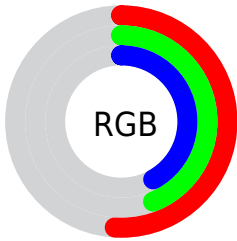
Format	Color
R_{YB}	131, 113, 108
Decimal	8613996
CIE Lab	48.91, 6.68, 5.01
CIE LCh	49, 8.347, 36.892
Yxy	17.5200, 0.3436, 0.3368
Android (android.graphics.Color)	4286804076 (0xFF83706C)
YUV	117.2250, -4.5479, 12.0807
Hunter-Lab	41.8569, 2.9697, 5.7477

Details

The RYB color **131, 113, 108** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **108, 118, 131**, and the grayscale version is **117, 117, 117**.

A 20% lighter version of the original color is **184, 165, 159**, and **81, 65, 61** is the 20% darker color. If you saturate the color by 10%, you get **131, 102, 95**, and if you desaturate by 10%, it is **131, 124, 121**.

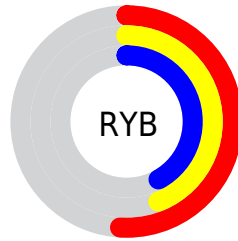
Distribution



Red (51%)

Green (44%)

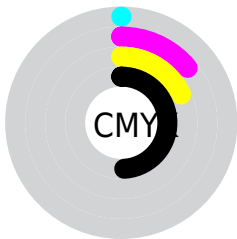
Blue (42%)



Red (51%)

Yellow (44%)

Blue (42%)

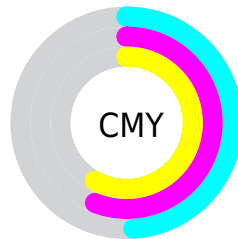


Cyan (0%)

Magenta (14%)

Yellow (18%)

Black (49%)



Cyan (49%)


Magenta (56%)

Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the RYB color 131, 113, 108 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, 113, 108 by changing the saturation by 10% instead.

 131, 113, 108


255, 255, 255


 184, 165, 159

 212, 192, 186


 240, 220, 214

 255, 250, 242


 131, 113, 108

 131, 102, 95

 131, 93, 82

 131, 113, 108

 106, 89, 84


 81, 65, 61


 58, 43, 39


 36, 23, 18

 5, 0, 0

 0, 0, 0

 131, 113, 108

 131, 124, 121

 131, 133, 134

■ 131, 82, 69

■ 131, 138, 147

■ 131, 72, 56

■ 131, 144, 160

■ 131, 61, 43

■ 131, 150, 173

■ 131, 52, 29

■ 131, 156, 187

■ 131, 42, 16

■ 131, 162, 200

■ 131, 31, 3

■ 131, 168, 213

■ 131, 28, 0

■ 131, 174, 226

Harmonies

Analogous

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



131, 111, 115



131, 113, 108



127, 123, 103

Triad

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



131, 113, 108



105, 116, 120



111, 115, 130

Complementary

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



131, 113, 108



108, 118, 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.



103, 113, 129



131, 113, 108



99, 110, 120

Square

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



131, 113, 108



105, 118, 111



99, 110, 124



120, 114, 127

Rectangle

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



131, 113, 108



115, 123, 102



99, 110, 124



108, 114, 130

Sweetspot

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



131, 113, 108



171, 165, 162



131, 108, 127



87, 82, 81



214, 214, 214



87, 87, 87

Same Dimension

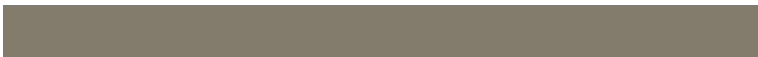
The Same Dimension uses a secret algorithm to generate beautiful new colors.



131, 113, 108



171, 142, 135



120, 131, 108



66, 61, 60



130, 28, 0



3, 0, 0

Inverse Universe

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



108, 118, 131



135, 151, 171



108, 114, 131



60, 63, 66



0, 59, 130



0, 1, 3

Previews

White Background



This preview shows how the RYB color 131, 113, 108 looks on a white background.

Color Contrast Check

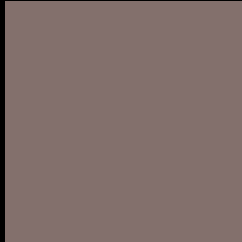
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 131, 113, 108 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

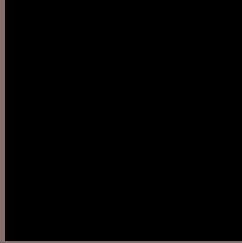
Any Text WCAG AA ✓ Pass

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, 113, 108 Background



This preview shows how black text looks on a background with the RYB color 131, 113, 108.

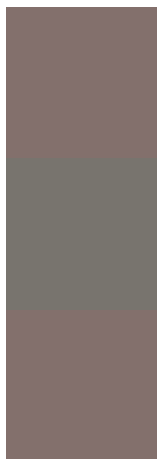


This preview shows how white text looks on a background with the RYB color 131, 113, 108.

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, 113, 108

Protanopia

117, 120, 110

Deuteranopia

131, 113, 108



Tritanopia
132, 110, 119

Trichromacy



Original Color

131, 113, 108

Protanomaly

124, 119, 109

Deuteranomaly

131, 113, 108

Tritanomaly

132, 111, 115

Monochromacy



Original Color

131, 113, 108

Achromatopsia

117, 117, 117

Achromatomaly

122, 115, 114

CSS Examples

Text

The CSS property to change the color of the text to RYB 131, 113, 108 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, 112, 108)` looks like.

```
.text, #text, p{  
    color:rgb(131, 112, 108)  
}
```

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, 112, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 112, 108) }
```

Border

The CSS property to change the border of an element to RYB 131, 113, 108 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, 112, 108) }
```

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

```
.border{ border-color:rgb(131, 112, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 112, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 112, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 112, 108);  
box-shadow:4px 4px 4px 4px rgb(131, 112,  
108) }
```

Background

The CSS property to change the background color of an element to RYB 131, 113, 108 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 112, 108) }
```

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

```
.background{ background-color: rgb(131,  
112, 108) }
```

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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