

Converting Colors

`RYB(135, 117, 101)`

Have a look what the booklet for
RYB(135, 117, 101) contains.

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Color

R_YB(135, 117, 101)

Conversions

Conversions Part 1

Format	Color
Hex	877065
RGB	135, 112, 101
RGB Percent	53%, 44%, 40%
CMY	0.4706, 0.5613, 0.6039
CMYK	0.00, 0.17, 0.25, 0.47
HSL	19°, 14%, 46%
HSV	19°, 25%, 53%
XYZ	18.1216, 17.6524, 14.7641
YIQ	117.6230, 17.2390, 1.4550

Conversions

Conversions Part 2

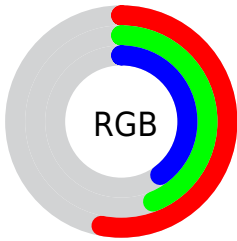
Format	Color
R_{YB}	135, 117, 101
Decimal	8876133
CIE _{Lab}	49.07, 7.30, 9.44
CIE _{LCh}	49, 11.933, 52.313
Yxy	17.6524, 0.3586, 0.3493
Android (android.graphics.Color)	4287066213 (0xFF877065)
YUV	117.6230, -8.1951, 15.2396
Hunter-Lab	42.0147, 3.4640, 8.5757

Details

The RYB color **135, 117, 101** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **101, 115, 135**, and the grayscale version is **118, 118, 118**.

A 20% lighter version of the original color is **189, 170, 152**, and **85, 69, 54** is the 20% darker color. If you saturate the color by 10%, you get **135, 110, 88**, and if you desaturate by 10%, it is **135, 125, 114**.

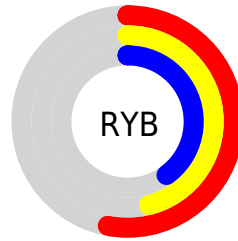
Distribution



Red (53%)

Green (44%)

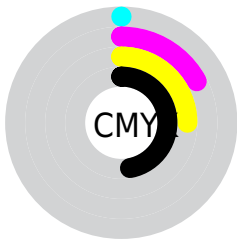
Blue (40%)



Red (53%)

Yellow (46%)

Blue (40%)

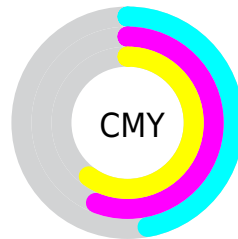


Cyan (0%)

Magenta (17%)

Yellow (25%)

Black (47%)



Cyan (47%)

Magenta (56%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the RYB color 135, 117, 101 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 135, 117, 101 by changing the saturation by 10% instead.

■ 135, 117, 101

255, 255, 255

■ 189, 170, 152

■ 217, 197, 179

■ 245, 223, 206

■ 247, 255, 234

■ 135, 117, 101

■ 135, 110, 88

■ 135, 104, 74

■ 135, 117, 101

■ 109, 92, 77

■ 85, 69, 54

■ 61, 46, 33

■ 39, 30, 10

■ 9, 0, 0

■ 0, 0, 0

■ 135, 117, 101

■ 135, 125, 114

■ 135, 131, 128

■ 135, 95, 60

■ 135, 137, 141

■ 135, 88, 47

■ 135, 143, 155

■ 135, 82, 33

■ 135, 149, 169

■ 135, 75, 20

■ 135, 154, 182

■ 135, 68, 6

■ 135, 160, 196

■ 135, 63, 0

■ 135, 165, 209

■ 135, 171, 223

Harmonies

Analogous

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



138, 110, 109



135, 117, 101



117, 127, 97

Triad

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



135, 117, 101



95, 111, 122



115, 115, 135

Complementary

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



135, 117, 101



101, 115, 135

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.



102, 113, 136



135, 117, 101



90, 106, 124

Square

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



135, 117, 101



104, 121, 120



93, 109, 132



127, 112, 129

Rectangle

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



135, 117, 101



100, 120, 97



93, 109, 132



111, 115, 136

Sweetspot

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



135, 117, 101



176, 168, 162



135, 101, 124



89, 85, 80



217, 217, 217



89, 89, 89

Same Dimension

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



135, 117, 101



176, 148, 123



108, 135, 101



66, 63, 60



130, 62, 0



3, 2, 0

Inverse Universe

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



101, 115, 135



123, 144, 176



101, 106, 135



60, 62, 66



0, 52, 130



0, 1, 3

Previews

White Background



This preview shows how the RYB color 135, 117, 101 looks on a white background.

Color Contrast Check

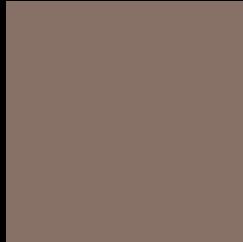
Large Text (above 18pt) WCAG AA ✓ Pass

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 135, 117, 101 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

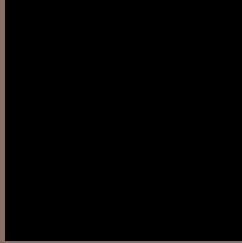
Any Text WCAG AA ✓ Pass

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 135, 117, 101 Background



This preview shows how black text looks on a background with the RYB color 135, 117, 101.

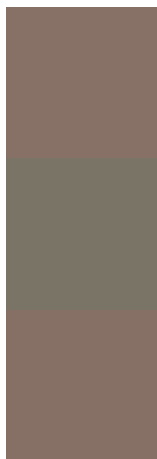


This preview shows how white text looks on a background with the RYB color 135, 117, 101.

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


135, 117, 101

Protanopia

112, 122, 103

Deuteranopia

134, 118, 101



Tritanopia
137, 109, 118

Trichromacy



Original Color

135, 117, 101

Protanomaly

125, 127, 102

Deuteranomaly

134, 118, 101

Tritanomaly

136, 110, 112

Monochromacy



Original Color

135, 117, 101

Achromatopsia

118, 118, 118

Achromatomaly

124, 118, 112

CSS Examples

Text

The CSS property to change the color of the text to RYB 135, 117, 101 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(135, 112, 101) looks like.

```
.text, #text, p{  
    color:rgb(135, 112, 101)  
}
```

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(135, 112, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 112, 101) }
```

Border

The CSS property to change the border of an element to RYB 135, 117, 101 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(135, 112, 101) }
```

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

```
.border{ border-color:rgb(135, 112, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 112, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 112, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 112, 101);  
box-shadow:4px 4px 4px 4px rgb(135, 112,  
101) }
```

Background

The CSS property to change the background color of an element to RYB 135, 117, 101 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 112, 101) }
```

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

```
.background{ background-color: rgb(135,  
112, 101) }
```

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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