

Converting Colors

`RYB(130, 99, 107)`

Have a look what the booklet for
RYB(130, 99, 107) contains.

RYB(130, 99, 107)	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(130, 99, 107)

Conversions

Conversions Part 1

Format	Color
Hex	82636B
RGB	130, 99, 107
RGB Percent	51%, 39%, 42%
CMY	0.4902, 0.6118, 0.5804
CMYK	0.00, 0.24, 0.18, 0.49
HSL	345°, 14%, 45%
HSV	345°, 24%, 51%
XYZ	16.3216, 14.7310, 15.8931
YIQ	109.1810, 15.9080, 9.0600

Conversions

Conversions Part 2

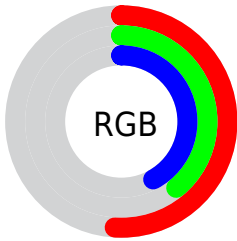
Format	Color
R _Y B	130, 99, 107
Decimal	8545131
CIE Lab	45.26, 13.85, 0.32
CIE LCh	45, 13.851, 1.335
Yxy	14.7310, 0.3477, 0.3138
Android (android.graphics.Color)	4286735211 (0xFF82636B)
YUV	109.1810, -1.0752, 18.2583
Hunter-Lab	38.3810, 8.7406, 2.3156

Details

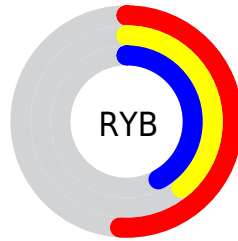
The RYB color **130, 99, 107** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **99, 117, 130**, and the grayscale version is **109, 109, 109**.

A 20% lighter version of the original color is **183, 150, 158**, and **80, 52, 60** is the 20% darker color. If you saturate the color by 10%, you get **130, 86, 97**, and if you desaturate by 10%, it is **130, 112, 117**.

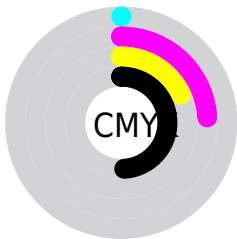
Distribution



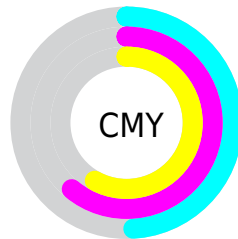
- Red (51%)
- Green (39%)
- Blue (42%)



- Red (51%)
- Yellow (39%)
- Blue (42%)



- Cyan (0%)
- Magenta (24%)
- Yellow (18%)
- Black (49%)



- Cyan (49%)
- Magenta (61%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the RYB color 130, 99, 107 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 130, 99, 107 by changing the saturation by 10% instead.



130, 99, 107



130, 99, 107

255, 255, 255



105, 75, 83



183, 150, 158



80, 52, 60



211, 177, 185



57, 31, 38



240, 204, 213



35, 8, 17



255, 232, 241



0, 0, 0



130, 99, 107



130, 99, 107



130, 86, 97



130, 112, 117



130, 73, 88



130, 125, 126



130, 60, 78



130, 135, 138

■ 130, 47, 68

■ 130, 142, 151

■ 130, 34, 59

■ 130, 150, 164

■ 130, 21, 49

■ 130, 157, 177

■ 130, 8, 39

■ 130, 164, 190

■ 130, 0, 34

■ 130, 172, 203

■ 130, 179, 216

Harmonies

Analogous

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



123, 101, 118



130, 99, 107



131, 101, 96

Triad

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



130, 99, 107



87, 110, 94



81, 99, 127

Complementary

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



130, 99, 107



99, 117, 130

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.



76, 96, 119



130, 99, 107



90, 108, 113

Square

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



130, 99, 107



99, 116, 84



79, 98, 114



95, 104, 130

Rectangle

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



130, 99, 107



128, 108, 90



79, 98, 114



78, 98, 125

Sweetspot

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



130, 99, 107



168, 157, 160



122, 99, 130



84, 77, 79



212, 212, 212



84, 84, 84

Same Dimension

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



130, 99, 107



168, 119, 132



130, 108, 99



64, 57, 59



128, 0, 33



0, 0, 0

Inverse Universe

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



130, 99, 107



168, 119, 132



99, 113, 130



64, 57, 59



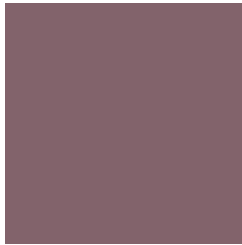
128, 0, 33



0, 0, 0

Previews

White Background



This preview shows how the RYB color 130, 99, 107 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 130, 99, 107 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

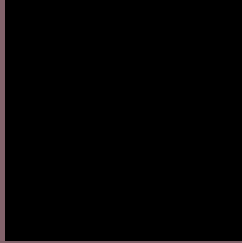
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

R Y B 130, 99, 107 Background



This preview shows how black text looks on a background with the R Y B color 130, 99, 107.



This preview shows how white text looks on a background with the R Y B color 130, 99, 107.

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


[130, 99, 107](#)

Protanopia

[108, 107, 112](#)

Deuteranopia

[118, 104, 106](#)



Tritanopia
130, 99, 107

Trichromacy



Original Color

130, 99, 107

Protanomaly

116, 104, 110

Deuteranomaly

122, 102, 106

Tritanomaly

130, 99, 107

Monochromacy



Original Color

130, 99, 107

Achromatopsia

109, 109, 109

Achromatomaly

117, 105, 108

CSS Examples

Text

The CSS property to change the color of the text to RYB 130, 99, 107 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(130, 99, 107)` looks like.

```
.text, #text, p{  
    color:rgb(130, 99, 107)  
}
```

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(130, 99, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 99, 107) }
```

Border

The CSS property to change the border of an element to RYB 130, 99, 107 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(130, 99, 107) }
```

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

```
.border{ border-color:rgb(130, 99, 107) }
```

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

Here you see how a box with a 4 pixel rgb(130, 99, 107) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 99, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 99, 107);  
box-shadow:4px 4px 4px 4px rgb(130, 99,  
107) }
```

Background

The CSS property to change the background color of an element to RGB 130, 99, 107 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 99, 107) }
```

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

```
.background{ background-color: rgb(130, 99,  
107) }
```

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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