

Converting Colors

`RYB(138, 109, 113)`

Have a look what the booklet for
RYB(138, 109, 113) contains.

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Color

R_YB(138, 109, 113)

Conversions

Conversions Part 1

Format	Color
Hex	8A6D71
RGB	138, 109, 113
RGB Percent	54%, 43%, 44%
CMY	0.4588, 0.5725, 0.5569
CMYK	0.00, 0.21, 0.18, 0.46
HSL	352°, 12%, 48%
HSV	352°, 21%, 54%
XYZ	18.9305, 17.5328, 18.0092
YIQ	118.1270, 16.0000, 7.3920

Conversions

Conversions Part 2

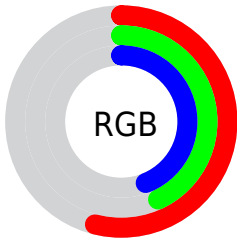
Format	Color
R_{YB}	138, 109, 113
Decimal	9071985
CIE _{Lab}	48.92, 12.15, 2.15
CIE _{LCh}	49, 12.339, 10.054
Yxy	17.5328, 0.3475, 0.3219
Android (android.graphics.Color)	4287262065 (0xFF8A6D71)
YUV	118.1270, -2.5276, 17.4286
Hunter-Lab	41.8722, 7.4239, 3.8099

Details

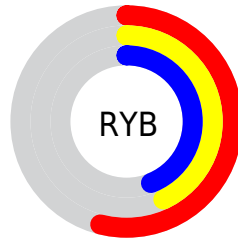
The RYB color **138, 109, 113** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **109, 125, 138**, and the grayscale version is **118, 118, 118**.

A 20% lighter version of the original color is **192, 161, 165**, and **88, 61, 65** is the 20% darker color. If you saturate the color by 10%, you get **138, 95, 101**, and if you desaturate by 10%, it is **138, 123, 125**.

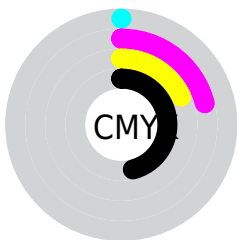
Distribution



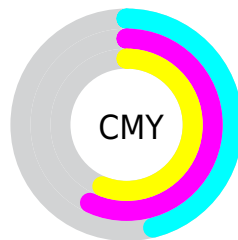
- Red (54%)
- Green (43%)
- Blue (44%)



- Red (54%)
- Yellow (43%)
- Blue (44%)



- Cyan (0%)
- Magenta (21%)
- Yellow (18%)
- Black (46%)



- Cyan (46%)
- Magenta (57%)
- Yellow (56%)


Brightness & Saturation Gradients


These gradients show how the RYB color 138, 109, 113 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 138, 109, 113 by changing the saturation by 10% instead.

 138, 109, 113

255, 255, 255

 192, 161, 165

 220, 188, 192


 248, 215, 220

 255, 244, 248

 138, 109, 113

 138, 95, 101


 138, 81, 89

 138, 109, 113

 112, 85, 89

 88, 61, 65

 64, 39, 43


 41, 19, 23

 18, 0, 0

 0, 0, 0

 138, 109, 113

 138, 123, 125

 138, 137, 137

■ 138, 68, 77

■ 138, 144, 150

■ 138, 54, 65

■ 138, 152, 164

■ 138, 40, 54

■ 138, 160, 178

■ 138, 26, 42

■ 138, 167, 192

■ 138, 12, 30

■ 138, 175, 206

■ 138, 0, 19

■ 138, 181, 219

■ 138, 189, 233

Harmonies

Analogous

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



133, 110, 124



138, 109, 113



137, 112, 103

Triad

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



138, 109, 113



100, 120, 111



97, 111, 136

Complementary

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



138, 109, 113



109, 125, 138

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.



89, 107, 129



138, 109, 113



98, 114, 122

Square

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



138, 109, 113



101, 121, 96



90, 107, 122



109, 115, 137

Rectangle

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



138, 109, 113



134, 120, 99



90, 107, 122



93, 109, 134

Sweetspot

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



138, 109, 113



179, 168, 169



134, 109, 138



89, 83, 84



217, 217, 217



89, 89, 89

Same Dimension

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



138, 109, 113



179, 134, 140



138, 124, 109



69, 62, 63



133, 0, 18



5, 0, 1

Inverse Universe

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



138, 109, 113



179, 134, 140



109, 120, 138



69, 62, 63



133, 0, 18



5, 0, 1

Previews

White Background



This preview shows how the RYB color 138, 109, 113 looks on a white background.

Color Contrast Check

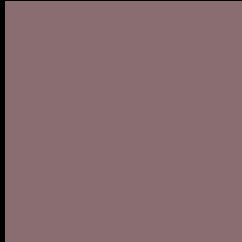
Large Text (above 18pt) WCAG AA ✓ Pass

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 138, 109, 113 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

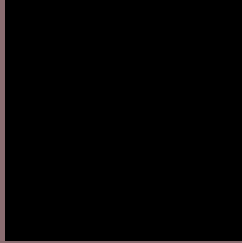
Any Text WCAG AA ✓ Pass

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 138, 109, 113 Background



This preview shows how black text looks on a background with the RYB color 138, 109, 113.



This preview shows how white text looks on a background with the RYB color 138, 109, 113.

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


[138](#), [109](#), [113](#)

Protanopia

[118](#), [116](#), [117](#)

Deuteranopia

[129](#), [113](#), [112](#)



Tritanopia
138, 108, 117

Trichromacy



Original Color

138, 109, 113

Protanomaly

125, 113, 116

Deuteranomaly

132, 112, 112

Tritanomaly

138, 108, 116

Monochromacy



Original Color

138, 109, 113

Achromatopsia

118, 118, 118

Achromatomaly

125, 115, 116

CSS Examples

Text

The CSS property to change the color of the text to RYB 138, 109, 113 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(138, 109, 113) looks like.

```
.text, #text, p{  
    color:rgb(138, 109, 113)  
}
```

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(138, 109, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 109, 113) }
```

Border

The CSS property to change the border of an element to RYB 138, 109, 113 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(138, 109, 113) }
```

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

```
.border{ border-color:rgb(138, 109, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 109, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 109, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 109, 113);  
box-shadow:4px 4px 4px 4px rgb(138, 109,  
113) }
```

Background

The CSS property to change the background color of an element to RYB 138, 109, 113 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 109, 113) }
```

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

```
.background{ background-color: rgb(138,  
109, 113) }
```

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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