

Converting Colors

`RYB(113, 138, 136)`

Have a look what the booklet for
RYB(113, 138, 136) contains.

RYB(113, 138, 136)	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(113, 138, 136)

Conversions

Conversions Part 1

Format	Color
Hex	738A71
RGB	115, 138, 113
RGB Percent	45%, 54%, 44%
CMY	0.5490, 0.4588, 0.5569
CMYK	0.17, 0.00, 0.18, 0.46
HSL	115°, 10%, 49%
HSV	115°, 18%, 54%
XYZ	19.1393, 23.0141, 19.0562
YIQ	128.2730, -5.6830, -12.6510

Conversions

Conversions Part 2

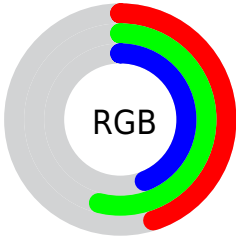
Format	Color
RYB	113, 138, 136
Decimal	7572081
CIELab	55.09, -13.34, 10.69
CIElCh	55, 17.097, 141.294
Yxy	23.0141, 0.3127, 0.3760
Android (android.graphics.Color)	4285762161 (0xFF738A71)
YUV	128.2730, -7.5296, -11.6404
Hunter-Lab	47.9730, -12.7381, 10.0294

Details

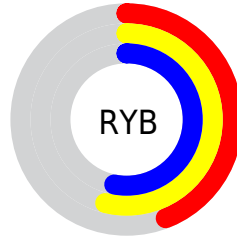
The RYB color **113, 138, 136** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **136, 113, 138**, and the grayscale version is **128, 128, 128**.

A 20% lighter version of the original color is **165, 191, 189**, and **65, 88, 86** is the 20% darker color. If you saturate the color by 10%, you get **99, 138, 135**, and if you desaturate by 10%, it is **127, 138, 137**.

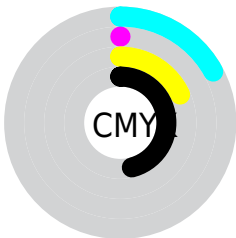
Distribution



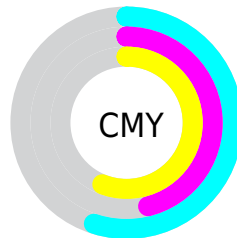
- Red (45%)
- Green (54%)
- Blue (44%)



- Red (44%)
- Yellow (54%)
- Blue (53%)



- Cyan (17%)
- Magenta (0%)
- Yellow (18%)
- Black (46%)



- Cyan (55%)
- Magenta (46%)
- Yellow (56%)


Brightness & Saturation Gradients

These gradients show how the RYB color 113, 138, 136 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 113, 138, 136 by changing the saturation by 10% instead.

 113, 138, 136

255, 255, 255


 165, 191, 189


 192, 219, 217


 220, 248, 246


 248, 255, 252

 113, 138, 136

 99, 138, 135

 85, 138, 133

 113, 138, 136

 88, 113, 111

 65, 88, 86


 43, 65, 64


 22, 42, 41

 0, 23, 23

 0, 0, 0

 113, 138, 136

 127, 138, 137

 140, 138, 141

■ 72, 138, 133

■ 153, 138, 154

■ 58, 138, 132

■ 166, 138, 168

■ 44, 138, 130

■ 178, 138, 182

■ 30, 138, 129

■ 191, 138, 196

■ 16, 138, 128

■ 204, 138, 210

■ 3, 138, 128

■ 217, 138, 223

■ 0, 138, 127

■ 229, 138, 237

Harmonies

Analogous

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



104, 134, 106



113, 138, 136



100, 124, 140

Triad

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



113, 138, 136



109, 126, 161



163, 122, 122

Complementary

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



113, 138, 136



136, 113, 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.



159, 122, 137



113, 138, 136



129, 130, 159

Square

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



113, 138, 136



94, 119, 154



147, 125, 151



158, 133, 109

Rectangle

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



113, 138, 136



93, 117, 140



147, 125, 151



162, 121, 127

Sweetspot

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



113, 138, 136



170, 179, 179



115, 138, 113



84, 89, 89



217, 217, 217



89, 89, 89

Same Dimension

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



113, 138, 136



139, 179, 176



113, 131, 138



62, 69, 68



0, 133, 122



0, 5, 5

Inverse Universe

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



136, 113, 138



175, 139, 179



138, 113, 128



68, 62, 69



122, 0, 133



5, 0, 5

Previews

White Background



This preview shows how the RYB color 113, 138, 136 looks on a white background.

Color Contrast Check

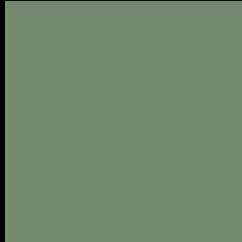
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 113, 138, 136 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

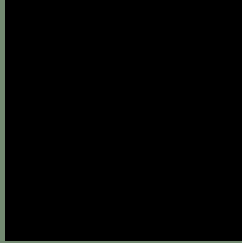
Any Text WCAG AA ✓ Pass

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](#).

R Y B 113, 138, 136 Background



This preview shows how black text looks on a background with the R Y B color 113, 138, 136.



This preview shows how white text looks on a background with the R Y B color 113, 138, 136.

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
[113](#), [138](#), [136](#)

Protanopia
[121](#), [139](#), [110](#)

Deuteranopia
[150](#), [133](#), [115](#)



Tritanopia
120, 129, 144

Trichromacy



Original Color

113, 138, 136

Protanomaly

111, 134, 115

Deuteranomaly

122, 137, 114

Tritanomaly

118, 127, 135

Monochromacy



Original Color

113, 138, 136

Achromatopsia

128, 128, 128

Achromatomaly

123, 132, 132

CSS Examples

Text

The CSS property to change the color of the text to RYB 113, 138, 136 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(115, 138, 113)` looks like.

```
.text, #text, p{  
    color:rgb(115, 138, 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(115, 138, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 138, 113) }
```

Border

The CSS property to change the border of an element to RYB 113, 138, 136 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(115, 138, 113) }
```

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

```
.border{ border-color:rgb(115, 138, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 138, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 138, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 138, 113);  
box-shadow:4px 4px 4px 4px rgb(115, 138,  
113) }
```

Background

The CSS property to change the background color of an element to RYB 113, 138, 136 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 138, 113) }
```

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

```
.background{ background-color: rgb(115,  
138, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor