

Converting Colors

`RYB(133, 139, 104)`

Have a look what the booklet for
RYB(133, 139, 104) contains.

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Color

R_YB(133, 139, 104)

Conversions

Conversions Part 1

Format	Color
Hex	8B7B68
RGB	139, 123, 104
RGB Percent	55%, 48%, 41%
CMY	0.4549, 0.5171, 0.5922
CMYK	0.00, 0.11, 0.25, 0.45
HSL	33°, 14%, 48%
HSV	33°, 25%, 55%
XYZ	20.2466, 20.6893, 16.0230
YIQ	125.6180, 15.6350, -2.5170

Conversions

Conversions Part 2

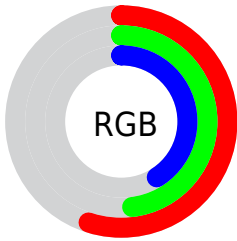
Format	Color
RYB	133, 139, 104
Decimal	9141096
CIELab	52.61, 2.89, 12.70
CIELCh	53, 13.023, 77.182
Yxy	20.6893, 0.3555, 0.3632
Android (android.graphics.Color)	4287331176 (0xFF8B7B68)
YUV	125.6180, -10.6577, 11.7360
Hunter-Lab	45.4855, -0.1453, 10.9539

Details

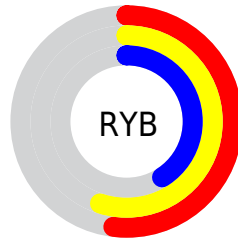
The RYB color **133, 139, 104** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **104, 115, 139**, and the grayscale version is **126, 126, 126**.

A 20% lighter version of the original color is **189, 193, 155**, and **83, 88, 57** is the 20% darker color. If you saturate the color by 10%, you get **130, 139, 90**, and if you desaturate by 10%, it is **137, 139, 118**.

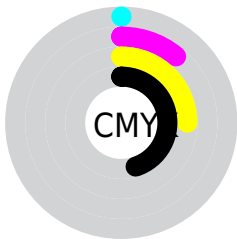
Distribution



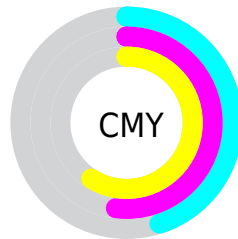
- Red (55%)
- Green (48%)
- Blue (41%)



- Red (52%)
- Yellow (55%)
- Blue (41%)



- Cyan (0%)
- Magenta (11%)
- Yellow (25%)
- Black (45%)



- Cyan (45%)
- Magenta (52%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the RYB color 133, 139, 104 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 133, 139, 104 by changing the saturation by 10% instead.

■ 133, 139, 104

255, 255, 255

■ 186, 193, 155

■ 215, 221, 182

■ 246, 250, 210

■ 238, 255, 238

■ 133, 139, 104

■ 130, 139, 90

■ 126, 139, 76

■ 133, 139, 104

■ 108, 113, 80

■ 79, 88, 57

■ 58, 65, 35

■ 32, 42, 14

■ 19, 11, 0

■ 0, 0, 0

■ 133, 139, 104

■ 137, 139, 118

■ 137, 139, 132

■ 126, 139, 62

■ 139, 141, 146

■ 123, 139, 48

■ 139, 145, 160

■ 121, 139, 35

■ 139, 150, 173

■ 121, 139, 21

■ 139, 154, 187

■ 117, 139, 7

■ 139, 158, 201

■ 115, 139, 0

■ 139, 163, 215

■ 139, 167, 229

Harmonies

Analogous

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



147, 124, 110



133, 139, 104



105, 128, 104

Triad

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



133, 139, 104



97, 115, 132



135, 121, 141

Complementary

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



133, 139, 104



104, 115, 139

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.



121, 124, 147



133, 139, 104



98, 117, 141

Square

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



133, 139, 104



103, 121, 132



107, 121, 147



145, 118, 131

Rectangle

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



133, 139, 104



108, 129, 118



107, 121, 147



131, 122, 143

Sweetspot

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



133, 139, 104



181, 181, 167



139, 104, 120



90, 92, 83



219, 219, 219



92, 92, 92

Same Dimension

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



133, 139, 104



174, 181, 127



104, 139, 105



67, 69, 62



109, 133, 0



3, 5, 0

Inverse Universe

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



104, 115, 139



127, 144, 181



105, 104, 139



62, 64, 69



0, 41, 133



0, 1, 5

Previews

White Background



This preview shows how the RYB color 133, 139, 104 looks on a white background.

Color Contrast Check

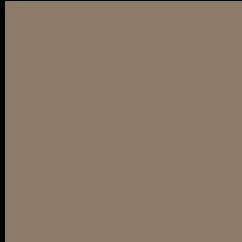
Large Text (above 18pt) WCAG AA ✓ Pass

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 133, 139, 104 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

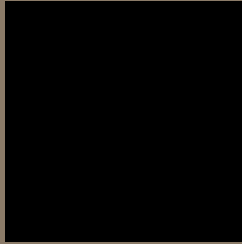
Any Text WCAG AA ✓ Pass

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 133, 139, 104 Background



This preview shows how black text looks on a background with the RYB color 133, 139, 104.



This preview shows how white text looks on a background with the RYB color 133, 139, 104.

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
133, 139, 104

Protanopia
116, 133, 105

Deuteranopia
145, 133, 104



Tritanopia
142, 120, 129

Trichromacy



Original Color
133, 139, 104

Protanomaly
122, 135, 105

Deuteranomaly
143, 137, 104

Tritanomaly
141, 121, 120

Monochromacy



Original Color
133, 139, 104

Achromatopsia
126, 126, 126

Achromatomaly
129, 131, 118

CSS Examples

Text

The CSS property to change the color of the text to RYB 133, 139, 104 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(139, 123, 104) looks like.

```
.text, #text, p{  
    color:rgb(139, 123, 104)  
}
```

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(139, 123, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 123, 104) }
```

Border

The CSS property to change the border of an element to RYB 133, 139, 104 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(139, 123, 104) }
```

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

```
.border{ border-color:rgb(139, 123, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 123, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(139, 123, 104); -webkit-box-shadow:4px 4px 4px 4px rgb(139, 123, 104); box-shadow:4px 4px 4px 4px rgb(139, 123, 104) }
```

Background

The CSS property to change the background color of an element to RYB 133, 139, 104 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 123, 104) }
```

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

```
.background{ background-color: rgb(139,  
123, 104) }
```

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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