

Converting Colors

`RYB(125, 139, 139)`

Have a look what the booklet for
RYB(125, 139, 139) contains.

RYB(125, 139, 139)	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

`RYB(125, 139, 139)`

Conversions

Conversions Part 1

Format	Color
Hex	7D8B7D
RGB	125, 139, 125
RGB Percent	49%, 55%, 49%
CMY	0.5098, 0.4549, 0.5098
CMYK	0.10, 0.00, 0.10, 0.45
HSL	120°, 6%, 52%
HSV	120°, 10%, 55%
XYZ	21.3917, 24.3059, 22.9661
YIQ	133.2180, -3.8500, -7.3220

Conversions

Conversions Part 2

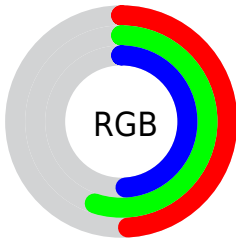
Format	Color
R _Y B	125, 139, 139
Decimal	8227709
CIE Lab	56.39, -7.90, 5.76
CIE LCh	56, 9.777, 143.886
Yxy	24.3059, 0.3115, 0.3540
Android (android.graphics.Color)	4286417789 (0xFF7D8B7D)
YUV	133.2180, -4.0515, -7.2072
Hunter-Lab	49.3010, -8.8255, 6.8914

Details

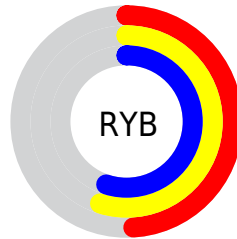
The RYB color **125, 139, 139** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **139, 125, 139**, and the grayscale version is **133, 133, 133**.

A 20% lighter version of the original color is **178, 192, 192**, and **76, 89, 89** is the 20% darker color. If you saturate the color by 10%, you get **111, 139, 139**, and if you desaturate by 10%, it is **139, 139, 139**.

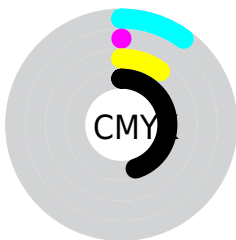
Distribution



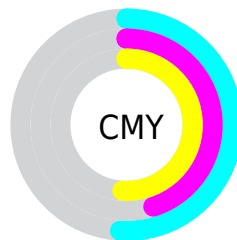
- Red (49%)
- Green (55%)
- Blue (49%)



- Red (49%)
- Yellow (55%)
- Blue (55%)



- Cyan (10%)
- Magenta (0%)
- Yellow (10%)
- Black (45%)



- Cyan (51%)
- Magenta (45%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the RYB color 125, 139, 139 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 125, 139, 139 by changing the saturation by 10% instead.

■ 125, 139, 139

255, 255, 255

■ 178, 192, 192

■ 205, 220, 220

■ 233, 249, 249

■ 125, 139, 139

■ 100, 114, 114

■ 76, 89, 89

■ 53, 66, 66

■ 32, 44, 44

■ 9, 23, 23

■ 0, 0, 0

■ 125, 139, 139

■ 111, 139, 139

■ 97, 139, 139

■ 125, 139, 139

■ 139, 139, 139

■ 153, 139, 153

■ 83, 139, 139

■ 167, 139, 167

■ 69, 139, 139

■ 181, 139, 181

■ 56, 139, 139

■ 195, 139, 195

■ 42, 139, 139

■ 208, 139, 208

■ 28, 139, 139

■ 222, 139, 222

■ 14, 139, 139

■ 236, 139, 236

■ 0, 139, 139

■ 250, 139, 250

Harmonies

Analogous

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



120, 137, 122



125, 139, 139



117, 131, 140

Triad

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



125, 139, 139



124, 132, 152



154, 130, 129

Complementary

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



125, 139, 139



139, 125, 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.



152, 130, 137



125, 139, 139



135, 134, 151

Square

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



125, 139, 139



116, 130, 149



145, 131, 145



151, 135, 122

Rectangle

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



125, 139, 139



114, 127, 140



145, 131, 145



153, 130, 131

Sweetspot

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



125, 139, 139



176, 181, 181



125, 139, 125



88, 92, 92



219, 219, 219



92, 92, 92

Same Dimension

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



125, 139, 139



159, 181, 181



125, 134, 139



62, 69, 69



0, 133, 133



0, 5, 5

Inverse Universe

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



139, 125, 139



181, 159, 181



139, 125, 132



69, 62, 69



133, 0, 133



5, 0, 5

Previews

White Background



This preview shows how the RYB color 125, 139, 139 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 125, 139, 139 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

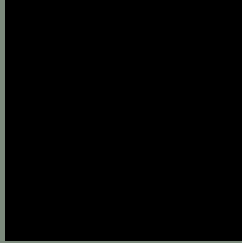
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

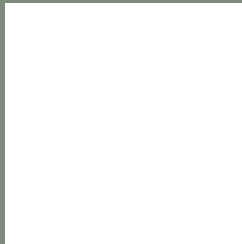
Any Text WCAG AAA × Fail

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

R_YB 125, 139, 139 Background



This preview shows how black text looks on a background with the R_YB color 125, 139, 139.



This preview shows how white text looks on a background with the R_YB color 125, 139, 139.

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

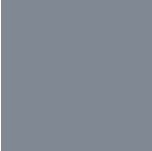
125, 139, 139

Protanopia

130, 140, 123

Deuteranopia

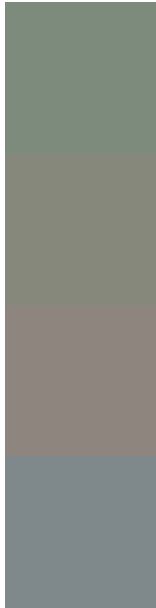
151, 130, 127



Tritanopia

128, 134, 147

Trichromacy



Original Color

125, 139, 139

Protanomaly

124, 136, 125

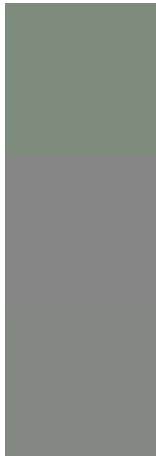
Deuteranomaly

142, 138, 126

Tritanomaly

127, 132, 139

Monochromacy



Original Color

125, 139, 139

Achromatopsia

133, 133, 133

Achromatomaly

130, 135, 135

CSS Examples

Text

The CSS property to change the color of the text to RYB 125, 139, 139 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(125, 139, 125)` looks like.

```
.text, #text, p{  
    color:rgb(125, 139, 125)  
}
```

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(125, 139, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 139, 125) }
```

Border

The CSS property to change the border of an element to RYB 125, 139, 139 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(125, 139, 125) }
```

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

```
.border{ border-color:rgb(125, 139, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 139, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 139, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 139, 125);  
box-shadow:4px 4px 4px 4px rgb(125, 139,  
125) }
```

Background

The CSS property to change the background color of an element to RYB 125, 139, 139 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 139, 125) }
```

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

```
.background{ background-color: rgb(125,  
139, 125) }
```

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