

Converting Colors

`RYB(107, 139, 139)`

Have a look what the booklet for
RYB(107, 139, 139) contains.

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Color

R_YB(107, 139, 139)

Conversions

Conversions Part 1

Format	Color
Hex	6B8B6B
RGB	107, 139, 107
RGB Percent	42%, 55%, 42%
CMY	0.5804, 0.4549, 0.5804
CMYK	0.23, 0.00, 0.23, 0.45
HSL	120°, 13%, 48%
HSV	120°, 23%, 55%
XYZ	17.9499, 22.6526, 17.3362
YIQ	125.7840, -8.8000, -16.7360

Conversions

Conversions Part 2

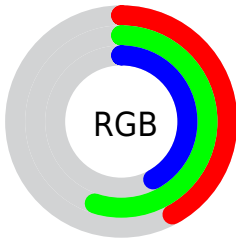
Format	Color
RYB	107, 139, 139
Decimal	7048043
CIELab	54.71, -17.93, 13.52
CIELCh	55, 22.456, 142.986
Yxy	22.6526, 0.3098, 0.3910
Android (android.graphics.Color)	4285238123 (0xFF6B8B6B)
YUV	125.7840, -9.2605, -16.4736
Hunter-Lab	47.5947, -15.9713, 11.7201

Details

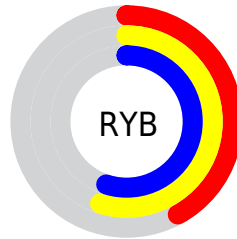
The RYB color **107, 139, 139** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **139, 107, 139**, and the grayscale version is **126, 126, 126**.

A 20% lighter version of the original color is **158, 193, 192**, and **59, 88, 89** is the 20% darker color. If you saturate the color by 10%, you get **93, 139, 139**, and if you desaturate by 10%, it is **121, 139, 139**.

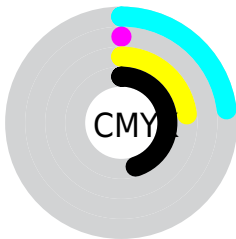
Distribution



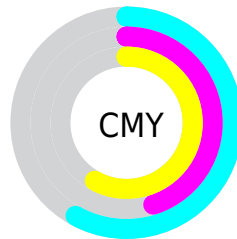
- Red (42%)
- Green (55%)
- Blue (42%)



- Red (42%)
- Yellow (55%)
- Blue (55%)



- Cyan (23%)
- Magenta (0%)
- Yellow (23%)
- Black (45%)



- Cyan (58%)
- Magenta (45%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the RYB color 107, 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 107, 139, 139 by changing the saturation by 10% instead.

 107, 139, 139

 107, 139, 139

255, 255, 255

 82, 112, 113

 158, 193, 192

 59, 88, 89

 185, 221, 220

 36, 63, 65

 213, 249, 248

 14, 40, 43


 242, 255, 255


 0, 24, 24


 0, 0, 0

 107, 139, 139


 107, 139, 139

 93, 139, 139


 121, 139, 139

 79, 139, 139


 135, 139, 139

 65, 139, 139


 149, 139, 149


 51, 139, 139


 163, 139, 163


 37, 139, 139

 177, 139, 177

 24, 139, 139


 190, 139, 190

 10, 139, 139

 204, 139, 204

 0, 139, 139

 218, 139, 218

 232, 139, 232

Harmonies

Analogous

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



95, 134, 100



107, 139, 139



86, 118, 141

Triad

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



107, 139, 139



100, 123, 169



170, 117, 117

Complementary

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



107, 139, 139



139, 107, 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.



166, 117, 136



107, 139, 139



128, 128, 167

Square

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



107, 139, 139



77, 113, 161



151, 121, 154



164, 133, 101

Rectangle

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



107, 139, 139



75, 109, 142



151, 121, 154



170, 117, 123

Sweetspot

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



107, 139, 139



168, 181, 181



107, 139, 107



84, 92, 92



219, 219, 219



92, 92, 92

Same Dimension

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



107, 139, 139



130, 181, 181



107, 128, 139



62, 69, 69



0, 133, 133



0, 5, 5

Inverse Universe

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



139, 107, 139



181, 130, 181



139, 107, 123



69, 62, 69



133, 0, 133



5, 0, 5

Previews

White Background



This preview shows how the RYB color 107, 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 107, 139, 139 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

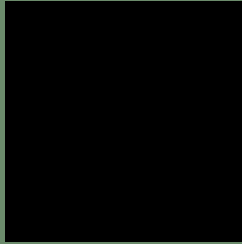
Any Text WCAG AA ✓ Pass

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 Y B 107, 139, 139 Background



This preview shows how black text looks on a background with the RYB color 107, 139, 139.

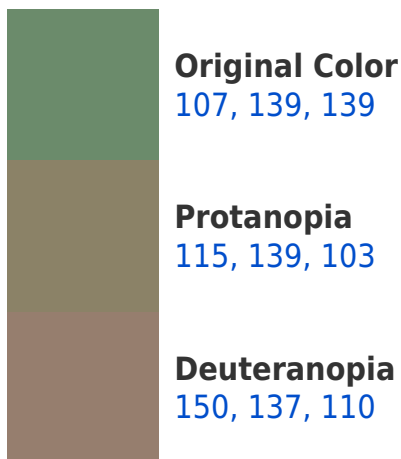


This preview shows how white text looks on a background with the RYB color 107, 139, 139.

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





Tritanopia
114, 126, 145

Trichromacy



Original Color
107, 139, 139

Protanomaly
104, 133, 110

Deuteranomaly
112, 134, 109

Tritanomaly
111, 125, 136

Monochromacy



Original Color
107, 139, 139

Achromatopsia
126, 126, 126

Achromatomaly
119, 131, 131

CSS Examples

Text

The CSS property to change the color of the text to RYB 107, 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(107, 139, 107)` looks like.

```
.text, #text, p{  
    color:rgb(107, 139, 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(107, 139, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 139, 107) }
```

Border

The CSS property to change the border of an element to RYB 107, 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(107, 139, 107) }
```

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

```
.border{ border-color:rgb(107, 139, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 139, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 139, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 139, 107);  
box-shadow:4px 4px 4px 4px rgb(107, 139,  
107) }
```

Background

The CSS property to change the background color of an element to RYB 107, 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(107, 139, 107) }
```

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

```
.background{ background-color: rgb(107,  
139, 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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