

Converting Colors

`RYB(107, 136, 157)`

Have a look what the booklet for
RYB(107, 136, 157) contains.

RYB(107, 136, 157)	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(107, 136, 157)

Conversions

Conversions Part 1

Format	Color
Hex	6B9D8F
RGB	107, 157, 143
RGB Percent	42%, 62%, 56%
CMY	0.5804, 0.3843, 0.4384
CMYK	0.32, 0.00, 0.09, 0.38
HSL	163°, 20%, 52%
HSV	163°, 32%, 62%
XYZ	23.0940, 29.2292, 30.4935
YIQ	140.4540, -25.3060, -14.9540

Conversions

Conversions Part 2

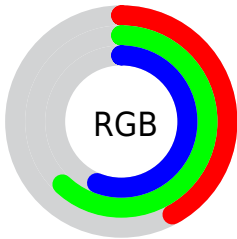
Format	Color
RYB	107, 136, 157
Decimal	7052687
CIELab	60.98, -19.82, 1.88
CIElCh	61, 19.912, 174.587
Yxy	29.2292, 0.2789, 0.3529
Android (android.graphics.Color)	4285242767 (0xFF6B9D8F)
YUV	140.4540, 1.2552, -29.3392
Hunter-Lab	54.0640, -18.3640, 4.4038

Details

The RYB color **107, 136, 157** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **157, 107, 121**, and the grayscale version is **140, 140, 140**.

A 20% lighter version of the original color is **160, 190, 212**, and **57, 84, 105** is the 20% darker color. If you saturate the color by 10%, you get **91, 129, 157**, and if you desaturate by 10%, it is **123, 143, 157**.

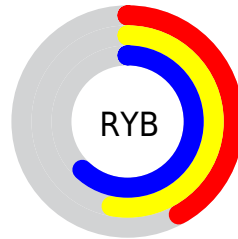
Distribution



Red (42%)

Green (62%)

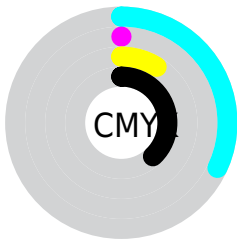
Blue (56%)



Red (42%)

Yellow (53%)

Blue (62%)

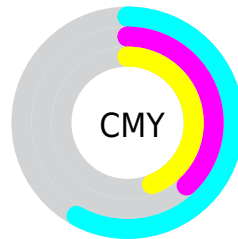


Cyan (32%)

Magenta (0%)

Yellow (9%)

Black (38%)



Cyan (58%)

Magenta (38%)

Yellow (44%)


Brightness & Saturation Gradients

These gradients show how the RYB color 107, 136, 157 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, 136, 157 by changing the saturation by 10% instead.

 107, 136, 157

255, 255, 255


 160, 190, 212

 187, 218, 240

 215, 236, 255

 244, 250, 255

 107, 136, 157

 82, 110, 131

 57, 84, 105

 32, 60, 81


 4, 34, 58

 0, 21, 36


 0, 7, 7


 0, 0, 0

 107, 136, 157


 91, 129, 157


 107, 136, 157


 123, 143, 157


 76, 123, 157


 138, 149, 157

 60, 116, 157

 154, 156, 157


 44, 109, 157

 170, 157, 161

 28, 103, 157

 186, 157, 165

 13, 97, 157

 201, 157, 169

 0, 91, 157

 217, 157, 174

 233, 157, 178

 248, 157, 182

Harmonies

Analogous

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



125, 154, 155



107, 136, 157



98, 128, 161

Triad

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



107, 136, 157



146, 144, 179



177, 150, 119

Complementary

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



107, 136, 157



157, 107, 121

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.



183, 135, 133



107, 136, 157



167, 138, 168

Square

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



107, 136, 157



122, 141, 182



180, 135, 151



140, 163, 112

Rectangle

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



107, 136, 157



100, 131, 171



180, 135, 151



180, 143, 123

Sweetspot

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



107, 136, 157



184, 196, 204



107, 157, 143



90, 97, 102



230, 230, 230



102, 102, 102

Same Dimension

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



107, 136, 157



126, 171, 204



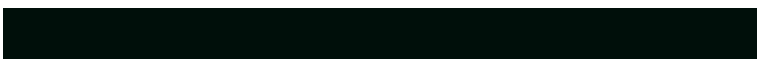
107, 129, 157



71, 76, 79



0, 83, 143



0, 9, 15

Inverse Universe

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



157, 107, 121



204, 126, 148



157, 121, 107



79, 71, 73



143, 0, 39



15, 0, 4

Previews

White Background



This preview shows how the RYB color 107, 136, 157 looks on a white background.

Color Contrast Check

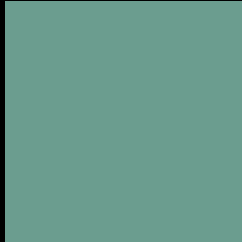
Large Text (above 18pt) WCAG AA ✓ Pass

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, 136, 157 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

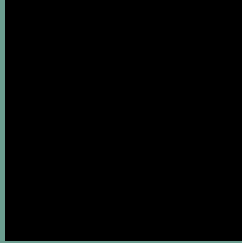
Any Text WCAG AA ✓ Pass

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, 136, 157 Background



This preview shows how black text looks on a background with the R Y B color 107, 136, 157.



This preview shows how white text looks on a background with the R Y B color 107, 136, 157.

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

112, 136, 166

Trichromacy



Original Color
107, 136, 157

Protanomaly
135, 147, 150

Deuteranomaly
141, 145, 147

Tritanomaly
110, 133, 158

Monochromacy



Original Color
107, 136, 157

Achromatopsia
140, 140, 140

Achromatomaly
128, 138, 146

CSS Examples

Text

The CSS property to change the color of the text to RYB 107, 136, 157 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, 157, 143)` looks like.

```
.text, #text, p{  
    color:rgb(107, 157, 143)  
}
```

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, 157, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 157, 143) }
```

Border

The CSS property to change the border of an element to RYB 107, 136, 157 is called "border". The border property can be set on classes, ids or directly on the HTML element.

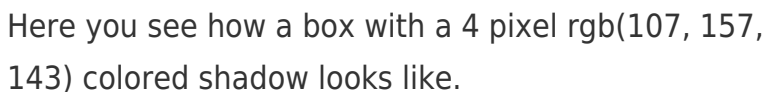
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(107, 157, 143) }
```

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

```
.border{ border-color:rgb(107, 157, 143) }
```

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



Here you see how a box with a 4 pixel `rgb(107, 157, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(107, 157, 143); -webkit-box-shadow:4px 4px 4px 4px rgb(107, 157, 143); box-shadow:4px 4px 4px 4px rgb(107, 157, 143) }
```

Background

The CSS property to change the background color of an element to RYB 107, 136, 157 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 157, 143) }
```

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

```
.background{ background-color: rgb(107,  
157, 143) }
```

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