

Converting Colors

`RYB(109, 129, 143)`

Have a look what the booklet for
RYB(109, 129, 143) contains.

RYB(109, 129, 143)	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(109, 129, 143)

Conversions

Conversions Part 1

Format	Color
Hex	6D8F85
RGB	109, 143, 133
RGB Percent	43%, 56%, 52%
CMY	0.5725, 0.4392, 0.4792
CMYK	0.24, 0.00, 0.07, 0.44
HSL	162°, 13%, 49%
HSV	162°, 24%, 56%
XYZ	20.3490, 24.5841, 25.7906
YIQ	131.6940, -17.0540, -10.3180

Conversions

Conversions Part 2

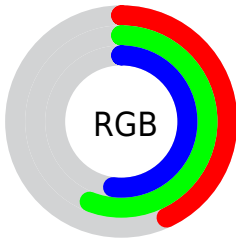
Format	Color
RYB	109, 129, 143
Decimal	7180165
CIELab	56.67, -14.11, 1.54
CIELCh	57, 14.193, 173.756
Yxy	24.5841, 0.2877, 0.3476
Android (android.graphics.Color)	4285370245 (0xFF6D8F85)
YUV	131.6940, 0.6439, -19.9026
Hunter-Lab	49.5823, -13.5113, 3.8675

Details

The RYB color **109, 129, 143** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **143, 109, 119**, and the grayscale version is **132, 132, 132**.

A 20% lighter version of the original color is **161, 182, 197**, and **60, 79, 93** is the 20% darker color. If you saturate the color by 10%, you get **95, 123, 143**, and if you desaturate by 10%, it is **123, 135, 143**.

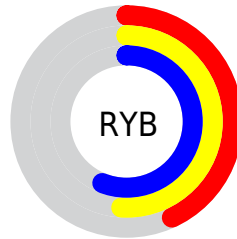
Distribution



Red (43%)

Green (56%)

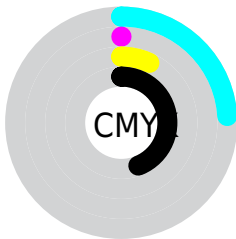
Blue (52%)



Red (43%)

Yellow (51%)

Blue (56%)

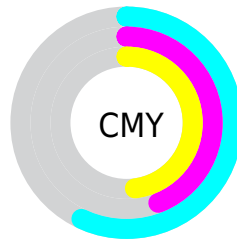


Cyan (24%)

Magenta (0%)

Yellow (7%)

Black (44%)



Cyan (57%)

Magenta (44%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the RYB color 109, 129, 143 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 109, 129, 143 by changing the saturation by 10% instead.

 109, 129, 143

255, 255, 255


 161, 182, 197


 188, 210, 225

 216, 239, 254

 245, 250, 255


 109, 129, 143

 84, 103, 117

 60, 79, 93


 37, 56, 69


 15, 32, 46

 0, 16, 27

 0, 0, 0

 109, 129, 143

 95, 123, 143

 80, 117, 143

 109, 129, 143

 123, 135, 143

 138, 141, 143

■ 66, 111, 143

■ 152, 143, 146

■ 52, 105, 143

■ 166, 143, 150

■ 37, 99, 143

■ 180, 143, 154

■ 23, 94, 143

■ 195, 143, 159

■ 9, 88, 143

■ 209, 143, 163

■ 0, 84, 143

■ 223, 143, 167

■ 238, 143, 171

Harmonies

Analogous

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



121, 141, 141



109, 129, 143



103, 123, 145

Triad

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



109, 129, 143



135, 134, 158



158, 137, 116

Complementary

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



109, 129, 143



143, 109, 119

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.



162, 128, 127



109, 129, 143



150, 130, 151

Square

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



109, 129, 143



119, 132, 160



159, 128, 139



135, 148, 112

Rectangle

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



109, 129, 143



105, 126, 153



159, 128, 139



160, 132, 119

Sweetspot

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



109, 129, 143



173, 181, 186



109, 143, 133



87, 91, 94



222, 222, 222



94, 94, 94

Same Dimension

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



109, 129, 143



132, 164, 186



109, 124, 143



64, 68, 71



0, 79, 135



0, 5, 8

Inverse Universe

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



143, 109, 119



186, 132, 148



143, 118, 109



71, 64, 66



135, 0, 41



8, 0, 2

Previews

White Background



This preview shows how the RYB color 109, 129, 143 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 109, 129, 143 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

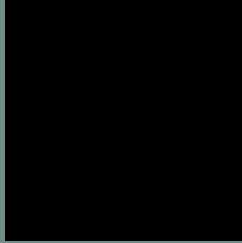
Any Text WCAG AA ✓ Pass

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 109, 129, 143 Background



This preview shows how black text looks on a background with the RYB color 109, 129, 143.



This preview shows how white text looks on a background with the RYB color 109, 129, 143.

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
113, 129, 151

Trichromacy



Original Color

109, 129, 143

Protanomaly

129, 137, 138

Deuteranomaly

134, 135, 135

Tritanomaly

112, 127, 144

Monochromacy



Original Color

109, 129, 143

Achromatopsia

132, 132, 132

Achromatomaly

124, 131, 136

CSS Examples

Text

The CSS property to change the color of the text to RYB 109, 129, 143 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(109, 143, 133)` looks like.

```
.text, #text, p{  
    color:rgb(109, 143, 133)  
}
```

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(109, 143, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 143, 133) }
```

Border

The CSS property to change the border of an element to RYB 109, 129, 143 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(109, 143, 133) }
```

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

```
.border{ border-color:rgb(109, 143, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 143, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 143, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 143, 133);  
box-shadow:4px 4px 4px 4px rgb(109, 143,  
133) }
```

Background

The CSS property to change the background color of an element to RYB 109, 129, 143 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 143, 133) }
```

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

```
.background{ background-color: rgb(109,  
143, 133) }
```

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