

Converting Colors

`RYB(113, 143, 160)`

Have a look what the booklet for
RYB(113, 143, 160) contains.

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Color

R_YB(113, 143, 160)

Conversions

Conversions Part 1

Format	Color
Hex	71A08C
RGB	113, 160, 140
RGB Percent	44%, 63%, 55%
CMY	0.5569, 0.3725, 0.4524
CMYK	0.29, 0.00, 0.13, 0.37
HSL	154°, 20%, 54%
HSV	154°, 29%, 63%
XYZ	24.0875, 30.5350, 29.2937
YIQ	143.6670, -21.5920, -16.1840

Conversions

Conversions Part 2

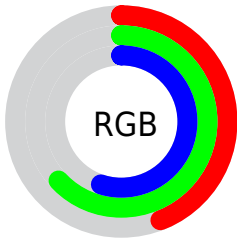
Format	Color
RYB	113, 143, 160
Decimal	7446668
CIELab	62.11, -20.28, 5.57
CIElCh	62, 21.031, 164.655
Yxy	30.5350, 0.2870, 0.3639
Android (android.graphics.Color)	4285636748 (0xFF71A08C)
YUV	143.6670, -1.8078, -26.8950
Hunter-Lab	55.2585, -18.8931, 7.2500

Details

The RYB color **113, 143, 160** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **160, 113, 133**, and the grayscale version is **144, 144, 144**.

A 20% lighter version of the original color is **166, 197, 215**, and **63, 91, 108** is the 20% darker color. If you saturate the color by 10%, you get **97, 137, 160**, and if you desaturate by 10%, it is **129, 149, 160**.

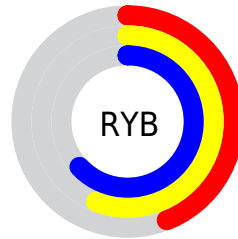
Distribution



Red (44%)

Green (63%)

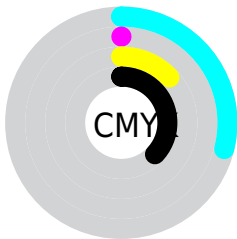
Blue (55%)



Red (44%)

Yellow (56%)

Blue (63%)

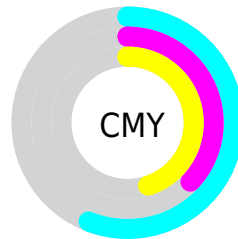


Cyan (29%)

Magenta (0%)

Yellow (13%)

Black (37%)



Cyan (56%)

Magenta (37%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the RYB color 113, 143, 160 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 113, 143, 160 by changing the saturation by 10% instead.

 113, 143, 160

255, 255, 255


 166, 198, 215


 193, 225, 243

 222, 240, 255

 251, 253, 255

 113, 143, 160


 88, 117, 134

 63, 91, 108

 39, 67, 84


 14, 42, 60

 0, 23, 38

 0, 14, 14

 0, 0, 0

 113, 143, 160

 97, 137, 160

 113, 143, 160

 129, 149, 160

■ 81, 131, 160

■ 145, 154, 160

■ 65, 126, 160

■ 161, 160, 160

■ 49, 120, 160

■ 177, 160, 167

■ 33, 114, 160

■ 193, 160, 174

■ 17, 108, 160

■ 209, 160, 181

■ 1, 103, 160

■ 225, 160, 188

■ 0, 102, 160

■ 241, 160, 195

■ 255, 160, 202

Harmonies

Analogous

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



123, 157, 147



113, 143, 160



99, 131, 161

Triad

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



113, 143, 160



140, 148, 186



185, 145, 125

Complementary

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



113, 143, 160



160, 113, 133

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.



188, 137, 141



113, 143, 160



164, 142, 177

Square

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



113, 143, 160



115, 141, 186



181, 138, 160



166, 173, 115

Rectangle

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



113, 143, 160



97, 131, 171



181, 138, 160



187, 141, 130

Sweetspot

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



113, 143, 160



190, 202, 209



113, 160, 140



93, 101, 105



232, 232, 232



105, 105, 105

Same Dimension

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



113, 143, 160



136, 183, 209



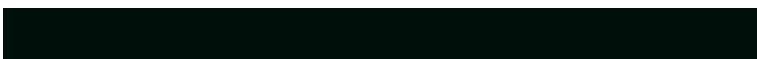
113, 136, 160



71, 76, 79



0, 91, 143



0, 9, 15

Inverse Universe

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



160, 113, 133



209, 136, 168



160, 116, 113



79, 71, 75



143, 0, 62



15, 0, 7

Previews

White Background



This preview shows how the RYB color 113, 143, 160 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 113, 143, 160 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

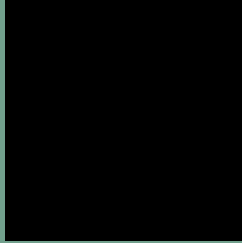
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

RYB 113, 143, 160 Background



This preview shows how black text looks on a background with the RYB color 113, 143, 160.




This preview shows how white text looks on a background with the RYB color 113, 143, 160.

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
119, 140, 168

Trichromacy



Original Color
113, 143, 160

Protanomaly
136, 153, 149

Deuteranomaly
142, 150, 145

Tritanomaly
117, 137, 158

Monochromacy



Original Color
113, 143, 160

Achromatopsia
144, 144, 144

Achromatomaly
133, 144, 150

CSS Examples

Text

The CSS property to change the color of the text to RYB 113, 143, 160 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(113, 160, 140)` looks like.

```
.text, #text, p{  
    color:rgb(113, 160, 140)  
}
```

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(113, 160, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 160, 140) }
```

Border

The CSS property to change the border of an element to RYB 113, 143, 160 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(113, 160, 140) }
```

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

```
.border{ border-color:rgb(113, 160, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 160, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 160, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 160, 140);  
box-shadow:4px 4px 4px 4px rgb(113, 160,  
140) }
```

Background

The CSS property to change the background color of an element to RYB 113, 143, 160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 160, 140) }
```

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

```
.background{ background-color: rgb(113,  
160, 140) }
```

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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