

Converting Colors

`RYB(115, 137, 148)`

Have a look what the booklet for
RYB(115, 137, 148) contains.

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Color

R_YB(115, 137, 148)

Conversions

Conversions Part 1

Format	Color
Hex	739484
RGB	115, 148, 132
RGB Percent	45%, 58%, 52%
CMY	0.5490, 0.4196, 0.4843
CMYK	0.22, 0.00, 0.11, 0.42
HSL	150°, 13%, 52%
HSV	150°, 22%, 58%
XYZ	21.7908, 26.4769, 25.6129
YIQ	136.3090, -14.5320, -11.9720

Conversions

Conversions Part 2

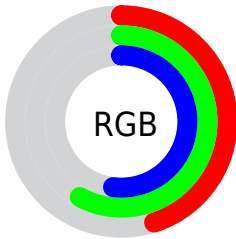
Format	Color
R_{YB}	115, 137, 148
Decimal	7574660
CIE _{Lab}	58.49, -15.05, 4.96
CIE _{LCh}	58, 15.844, 161.737
Yxy	26.4769, 0.2949, 0.3584
Android (android.graphics.Color)	4285764740 (0xFF739484)
YUV	136.3090, -2.1243, -18.6880
Hunter-Lab	51.4557, -14.4551, 6.5065

Details

The RYB color **115, 137, 148** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **148, 115, 132**, and the grayscale version is **136, 136, 136**.

A 20% lighter version of the original color is **167, 190, 202**, and **66, 86, 97** is the 20% darker color. If you saturate the color by 10%, you get **100, 132, 148**, and if you desaturate by 10%, it is **130, 142, 148**.

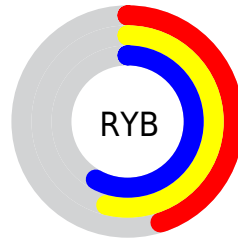
Distribution



Red (45%)

Green (58%)

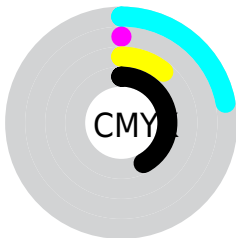
Blue (52%)



Red (45%)

Yellow (54%)

Blue (58%)

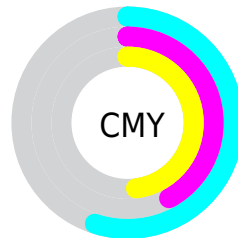


Cyan (22%)

Magenta (0%)

Yellow (11%)

Black (42%)



Cyan (55%)

Magenta (42%)

Yellow (48%)


Brightness & Saturation Gradients

These gradients show how the RYB color 115, 137, 148 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 115, 137, 148 by changing the saturation by 10% instead.

 115, 137, 148

255, 255, 255


 167, 191, 202

 195, 219, 230

 223, 244, 255


 252, 254, 255

 115, 137, 148

 90, 111, 122

 66, 86, 97

 43, 63, 73


 21, 41, 51

 0, 19, 30

 0, 0, 0

 115, 137, 148

 100, 132, 148

 85, 127, 148

 115, 137, 148

 130, 142, 148

 145, 147, 148

■ 71, 123, 148

■ 159, 148, 154

■ 56, 117, 148

■ 174, 148, 161

■ 41, 112, 148

■ 189, 148, 169

■ 26, 107, 148

■ 204, 148, 176

■ 11, 102, 148

■ 219, 148, 183

■ 0, 99, 148

■ 233, 148, 191

■ 248, 148, 198

Harmonies

Analogous

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



120, 145, 135



115, 137, 148



105, 128, 149

Triad

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



115, 137, 148



132, 139, 168



168, 136, 123

Complementary

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



115, 137, 148



148, 115, 132

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.



169, 131, 136



115, 137, 148



150, 135, 161

Square

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



115, 137, 148



115, 134, 167



163, 132, 150



159, 159, 115

Rectangle

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



115, 137, 148



103, 127, 155



163, 132, 150



169, 133, 127

Sweetspot

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



115, 137, 148



178, 186, 191



115, 148, 131



89, 94, 97



224, 224, 224



97, 97, 97

Same Dimension

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



115, 137, 148



140, 174, 191



115, 132, 148



67, 72, 74



0, 92, 138



0, 7, 10

Inverse Universe

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



148, 115, 132



191, 140, 165



148, 115, 115



74, 67, 70



138, 0, 69



10, 0, 5

Previews

White Background



This preview shows how the RYB color 115, 137, 148 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 115, 137, 148 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

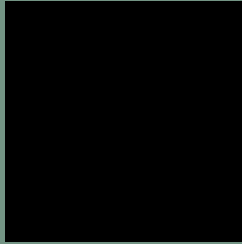
Any Text WCAG AA ✓ Pass

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 115, 137, 148 Background



This preview shows how black text looks on a background with the RYB color 115, 137, 148.



This preview shows how white text looks on a background with the RYB color 115, 137, 148.

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](#).

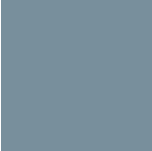
Dichromacy



Original Color
115, 137, 148

Protanopia
136, 146, 127

Deuteranopia
156, 136, 134



Tritanopia
120, 134, 156

Trichromacy



Original Color

115, 137, 148

Protanomaly

129, 143, 137

Deuteranomaly

134, 141, 133

Tritanomaly

118, 132, 147

Monochromacy



Original Color

115, 137, 148

Achromatopsia

136, 136, 136

Achromatomaly

128, 136, 140

CSS Examples

Text

The CSS property to change the color of the text to RYB 115, 137, 148 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(115, 148, 132)` looks like.

```
.text, #text, p{  
    color:rgb(115, 148, 132)  
}
```

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(115, 148, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 148, 132) }
```

Border

The CSS property to change the border of an element to RYB 115, 137, 148 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(115, 148, 132) }
```

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

```
.border{ border-color:rgb(115, 148, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 148, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 148, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 148, 132);  
box-shadow:4px 4px 4px 4px rgb(115, 148,  
132) }
```

Background

The CSS property to change the background color of an element to RYB 115, 137, 148 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 148, 132) }
```

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

```
.background{ background-color: rgb(115,  
148, 132) }
```

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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