

Converting Colors

`RYB(115, 137, 150)`

Have a look what the booklet for
RYB(115, 137, 150) contains.

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Color

R_YB(115, 137, 150)

Conversions

Conversions Part 1

Format	Color
Hex	739688
RGB	115, 150, 136
RGB Percent	45%, 59%, 53%
CMY	0.5490, 0.4118, 0.4679
CMYK	0.23, 0.00, 0.10, 0.41
HSL	155°, 14%, 52%
HSV	155°, 23%, 59%
XYZ	22.3979, 27.2261, 27.2488
YIQ	137.9390, -16.3660, -11.7740

Conversions

Conversions Part 2

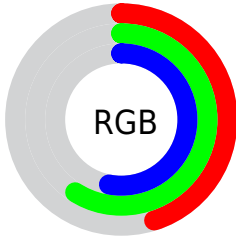
Format	Color
RYB	115, 137, 150
Decimal	7575176
CIELab	59.18, -15.23, 3.59
CIELCh	59, 15.647, 166.735
Yxy	27.2261, 0.2914, 0.3542
Android (android.graphics.Color)	4285765256 (0xFF739688)
YUV	137.9390, -0.9559, -20.1175
Hunter-Lab	52.1786, -14.6906, 5.5625

Details

The RYB color **115, 137, 150** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **150, 115, 129**, and the grayscale version is **138, 138, 138**.

A 20% lighter version of the original color is **168, 191, 204**, and **66, 87, 99** is the 20% darker color. If you saturate the color by 10%, you get **100, 131, 150**, and if you desaturate by 10%, it is **130, 143, 150**.

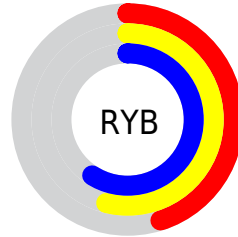
Distribution



Red (45%)

Green (59%)

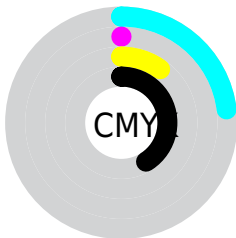
Blue (53%)



Red (45%)

Yellow (54%)

Blue (59%)

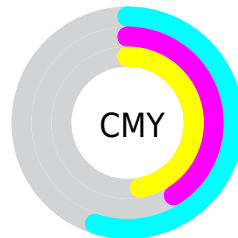


Cyan (23%)

Magenta (0%)

Yellow (10%)

Black (41%)



Cyan (55%)

Magenta (41%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the RYB color 115, 137, 150 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, 150 by changing the saturation by 10% instead.

 115, 137, 150

255, 255, 255


 168, 191, 204

 195, 218, 232

 223, 242, 255

 252, 254, 255


 115, 137, 150

 90, 111, 124

 66, 87, 99


 43, 63, 75


 20, 39, 52

 0, 18, 31

 0, 0, 0


 115, 137, 150

 100, 131, 150

 85, 126, 150

 115, 137, 150

 130, 143, 150

 145, 148, 150

■ 70, 120, 150

■ 160, 150, 154

■ 55, 115, 150

■ 175, 150, 160

■ 40, 109, 150

■ 190, 150, 166

■ 25, 104, 150

■ 205, 150, 173

■ 10, 98, 150

■ 220, 150, 179

■ 0, 94, 150

■ 235, 150, 185

■ 250, 150, 191

Harmonies

Analogous

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



123, 148, 142



115, 137, 150



106, 128, 150

Triad

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



115, 137, 150



137, 141, 169



168, 139, 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, 150



150, 115, 129

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.



171, 133, 135



115, 137, 150



154, 137, 161

Square

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



115, 137, 150



120, 137, 169



166, 133, 149



153, 159, 116

Rectangle

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



115, 137, 150



106, 130, 158



166, 133, 149



170, 135, 127

Sweetspot

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



115, 137, 150



180, 189, 194



115, 150, 135



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, 150



140, 174, 194



115, 132, 150



67, 71, 74



0, 87, 138



0, 6, 10

Inverse Universe

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



150, 115, 129



194, 140, 162



150, 118, 115



74, 67, 70



138, 0, 56



10, 0, 4

Previews

White Background



This preview shows how the RYB color 115, 137, 150 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, 150 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

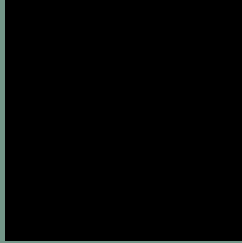
Any Text WCAG AA ✓ Pass

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 115, 137, 150 Background



This preview shows how black text looks on a background with the RYB color 115, 137, 150.

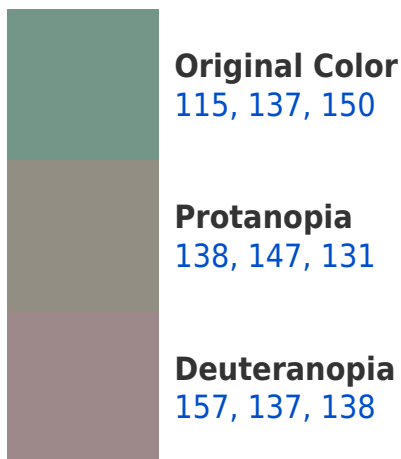


This preview shows how white text looks on a background with the RYB color 115, 137, 150.

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, 135, 158

Trichromacy



Original Color

115, 137, 150

Protanomaly

133, 145, 143

Deuteranomaly

137, 142, 137

Tritanomaly

118, 133, 150

Monochromacy



Original Color

115, 137, 150

Achromatopsia

138, 138, 138

Achromatomaly

130, 138, 142

CSS Examples

Text

The CSS property to change the color of the text to RYB 115, 137, 150 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, 150, 136)` looks like.

```
.text, #text, p{  
    color:rgb(115, 150, 136)  
}
```

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, 150, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 150, 136) }
```

Border

The CSS property to change the border of an element to RYB 115, 137, 150 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, 150, 136) }
```

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

```
.border{ border-color:rgb(115, 150, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 150, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 150, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 150, 136);  
box-shadow:4px 4px 4px 4px rgb(115, 150,  
136) }
```

Background

The CSS property to change the background color of an element to RYB 115, 137, 150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 150, 136) }
```

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

```
.background{ background-color: rgb(115,  
150, 136) }
```

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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