

Converting Colors

`RYB(119, 137, 155)`

Have a look what the booklet for
RYB(119, 137, 155) contains.

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Color

`RYB(119, 137, 155)`

Conversions

Conversions Part 1

Format	Color
Hex	779B9B
RGB	119, 155, 155
RGB Percent	47%, 61%, 61%
CMY	0.5333, 0.3922, 0.3922
CMYK	0.23, 0.00, 0.00, 0.39
HSL	180°, 15%, 54%
HSV	180°, 23%, 61%
XYZ	25.2455, 29.7312, 35.4185
YIQ	144.2360, -21.4560, -7.6320

Conversions

Conversions Part 2

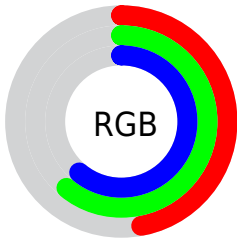
Format	Color
R_{YB}	119, 137, 155
Decimal	7838619
CIE _{Lab}	61.42, -12.31, -4.06
CIE _{LCh}	61, 12.962, 198.263
Yxy	29.7312, 0.2793, 0.3289
Android (android.graphics.Color)	4286028699 (0xFF779B9B)
YUV	144.2360, 5.3067, -22.1320
Hunter-Lab	54.5263, -12.7762, -0.3444

Details

The RYB color `119, 137, 155` is a dark color, and the websafe version is hex `669999`. A complement of this color would be `155, 119, 119`, and the grayscale version is `144, 144, 144`.

A 20% lighter version of the original color is `172, 191, 209`, and `69, 87, 104` is the 20% darker color. If you saturate the color by 10%, you get `103, 129, 155`, and if you desaturate by 10%, it is `135, 145, 155`.

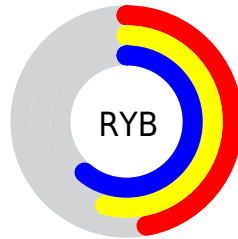
Distribution



Red (47%)

Green (61%)

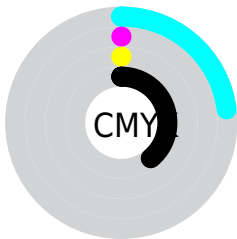
Blue (61%)



Red (47%)

Yellow (54%)

Blue (61%)

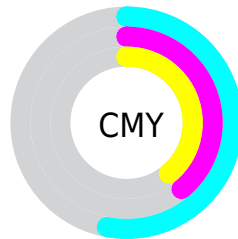


Cyan (23%)

Magenta (0%)

Yellow (0%)

Black (39%)



Cyan (53%)

Magenta (39%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the RYB color 119, 137, 155 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 119, 137, 155 by changing the saturation by 10% instead.


 119, 137, 155


255, 255, 255

 172, 191, 209

 200, 219, 238

 228, 242, 255


 119, 137, 155

 94, 112, 129

 69, 87, 104

 45, 63, 80

 22, 40, 57

 0, 18, 36


 0, 6, 14

 0, 0, 0

 119, 137, 155

 103, 129, 155

 119, 137, 155

 135, 145, 155

88, 122, 155

150, 153, 155

73, 114, 155

166, 155, 155

57, 106, 155

181, 155, 155

42, 99, 155

196, 155, 155

26, 91, 155

212, 155, 155

11, 83, 155

227, 155, 155

0, 78, 155

243, 155, 155

255, 155, 155

Harmonies

Analogous

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



125, 144, 155



119, 137, 155



121, 140, 165

Triad

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



119, 137, 155



159, 143, 164



155, 162, 126

Complementary

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



119, 137, 155



155, 119, 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.



170, 147, 132



119, 137, 155



169, 141, 153

Square

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



119, 137, 155



145, 147, 170



173, 141, 142



127, 150, 127

Rectangle

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



119, 137, 155



127, 143, 169



173, 141, 142



165, 161, 127

Sweetspot

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



119, 137, 155



187, 194, 201



119, 155, 155



94, 98, 102



230, 230, 230



102, 102, 102

Same Dimension

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



119, 137, 155



145, 173, 201



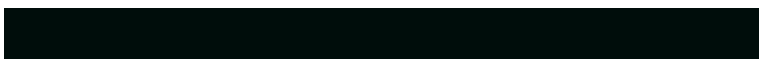
119, 131, 155



69, 73, 77



0, 70, 140



0, 7, 13

Inverse Universe

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



155, 119, 155



201, 145, 201



155, 155, 119



77, 69, 77



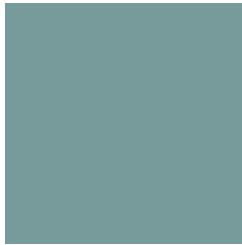
140, 0, 140



13, 0, 13

Previews

White Background



This preview shows how the RYB color 119, 137, 155 looks on a white background.

Color Contrast Check

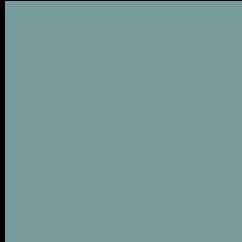
Large Text (above 18pt) WCAG AA ✓ Pass

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 119, 137, 155 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

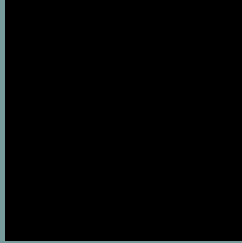
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

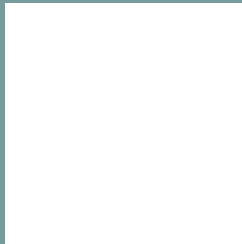
Any Text WCAG AAA × Fail

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

RYB 119, 137, 155 Background



This preview shows how black text looks on a background with the RYB color 119, 137, 155.



This preview shows how white text looks on a background with the RYB color 119, 137, 155.

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
121, 140, 166

Trichromacy



Original Color
119, 137, 155

Protanomaly
139, 145, 152

Deuteranomaly
144, 147, 156

Tritanomaly
120, 139, 162

Monochromacy



Original Color
119, 137, 155

Achromatopsia
144, 144, 144

Achromatomaly
135, 142, 148

CSS Examples

Text

The CSS property to change the color of the text to RYB 119, 137, 155 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(119, 155, 155)` looks like.

```
.text, #text, p{  
    color:rgb(119, 155, 155)  
}
```

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(119, 155, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 155, 155) }
```

Border

The CSS property to change the border of an element to RYB 119, 137, 155 is called "border". The border property can be set on classes, ids or directly on the HTML element.

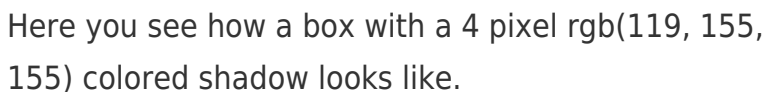
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(119, 155, 155) }
```

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

```
.border{ border-color:rgb(119, 155, 155) }
```

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



Here you see how a box with a 4 pixel `rgb(119, 155, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(119, 155, 155); -webkit-box-shadow:4px 4px 4px 4px rgb(119, 155, 155); box-shadow:4px 4px 4px 4px rgb(119, 155, 155) }
```

Background

The CSS property to change the background color of an element to RYB 119, 137, 155 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 155, 155) }
```

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

```
.background{ background-color: rgb(119,  
155, 155) }
```

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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