

Converting Colors

`RYB(115, 143, 149)`

Have a look what the booklet for
RYB(115, 143, 149) contains.

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Color

R_YB(115, 143, 149)

Conversions

Conversions Part 1

Format	Color
Hex	73957A
RGB	115, 149, 122
RGB Percent	45%, 58%, 48%
CMY	0.5490, 0.4157, 0.5204
CMYK	0.23, 0.00, 0.18, 0.42
HSL	133°, 14%, 52%
HSV	133°, 23%, 58%
XYZ	21.3483, 26.5520, 22.5052
YIQ	135.7560, -11.5970, -15.6050

Conversions

Conversions Part 2

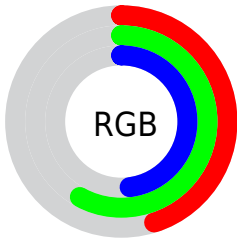
Format	Color
R_{YB}	115, 143, 149
Decimal	7574906
CIE _{Lab}	58.56, -17.43, 10.30
CIE _{LCh}	59, 20.248, 149.435
Yxy	26.5520, 0.3032, 0.3771
Android (android.graphics.Color)	4285764986 (0xFF73957A)
YUV	135.7560, -6.7817, -18.2030
Hunter-Lab	51.5286, -16.2226, 10.1750

Details

The RYB color **115, 143, 149** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **149, 115, 142**, and the grayscale version is **136, 136, 136**.

A 20% lighter version of the original color is **167, 197, 203**, and **66, 92, 98** is the 20% darker color. If you saturate the color by 10%, you get **100, 140, 149**, and if you desaturate by 10%, it is **130, 146, 149**.

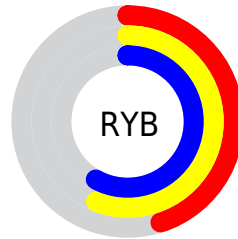
Distribution



Red (45%)

Green (58%)

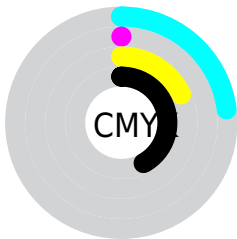
Blue (48%)



Red (45%)

Yellow (56%)

Blue (58%)

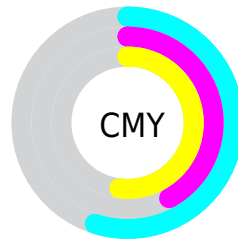


Cyan (23%)

Magenta (0%)

Yellow (18%)

Black (42%)



Cyan (55%)

Magenta (42%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the RYB color 115, 143, 149 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, 143, 149 by changing the saturation by 10% instead.

 115, 143, 149

255, 255, 255


 167, 196, 203

 195, 225, 231


 223, 249, 255


 252, 254, 255

 115, 143, 149

 90, 117, 123

 66, 92, 98

 43, 68, 74


 21, 44, 51

 0, 26, 30

 0, 0, 0


 115, 143, 149

 100, 140, 149

 85, 138, 149

 115, 143, 149

 130, 146, 149

 145, 148, 149

■ 70, 135, 149

■ 160, 149, 157

■ 55, 133, 149

■ 175, 149, 169

■ 41, 130, 149

■ 190, 149, 181

■ 26, 128, 149

■ 204, 149, 193

■ 11, 125, 149

■ 219, 149, 204

■ 0, 123, 149

■ 234, 149, 216

■ 249, 149, 228

Harmonies

Analogous

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



110, 145, 120



115, 143, 149



98, 128, 151

Triad

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



115, 143, 149



119, 136, 176



177, 130, 124

Complementary

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



115, 143, 149



149, 115, 142

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.



175, 128, 142



115, 143, 149



143, 136, 172

Square

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



115, 143, 149



98, 127, 171



163, 131, 159



169, 149, 111

Rectangle

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



115, 143, 149



91, 121, 152



163, 131, 159



177, 128, 130

Sweetspot

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



115, 143, 149



180, 192, 194



115, 149, 122



89, 95, 97



224, 224, 224



97, 97, 97

Same Dimension

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



115, 143, 149



141, 184, 194



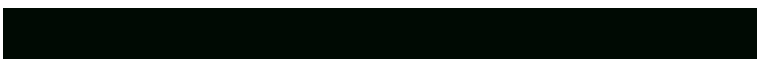
115, 135, 149



67, 73, 74



0, 113, 138



0, 8, 10

Inverse Universe

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



149, 115, 142



194, 141, 183



149, 115, 125



74, 67, 72



138, 0, 108



10, 0, 8

Previews

White Background



This preview shows how the RYB color 115, 143, 149 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, 143, 149 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

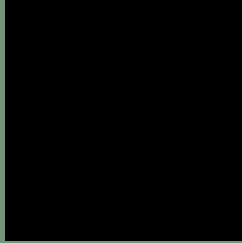
Any Text WCAG AA ✓ Pass

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, 143, 149 Background



This preview shows how black text looks on a background with the R Y B color 115, 143, 149.



This preview shows how white text looks on a background with the R Y B color 115, 143, 149.

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](#), [143](#), [149](#)

Protanopia

[129](#), [148](#), [118](#)

Deuteranopia

[160](#), [139](#), [125](#)



Tritanopia

121, 135, 156

Trichromacy



Original Color

115, 143, 149

Protanomaly

120, 143, 127

Deuteranomaly

129, 144, 124

Tritanomaly

119, 133, 146

Monochromacy



Original Color

115, 143, 149

Achromatopsia

136, 136, 136

Achromatomaly

128, 139, 141

CSS Examples

Text

The CSS property to change the color of the text to RYB 115, 143, 149 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, 149, 122)` looks like.

```
.text, #text, p{  
    color:rgb(115, 149, 122)  
}
```

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, 149, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 149, 122) }
```

Border

The CSS property to change the border of an element to RYB 115, 143, 149 is called "border". The border property can be set on classes, ids or directly on the HTML element.

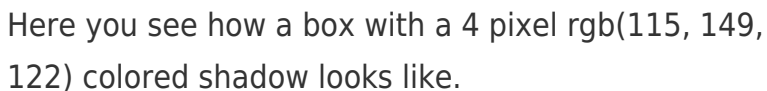
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(115, 149, 122) }
```

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

```
.border{ border-color:rgb(115, 149, 122) }
```

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



Here you see how a box with a 4 pixel `rgb(115, 149, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(115, 149, 122); -webkit-box-shadow:4px 4px 4px 4px rgb(115, 149, 122); box-shadow:4px 4px 4px 4px rgb(115, 149, 122) }
```

Background

The CSS property to change the background color of an element to RYB 115, 143, 149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 149, 122) }
```

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

```
.background{ background-color: rgb(115,  
149, 122) }
```

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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