

Converting Colors

`RYB(115, 145, 123)`

Have a look what the booklet for
RYB(115, 145, 123) contains.

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Color

R_YB(115, 145, 123)

Conversions

Conversions Part 1

Format	Color
Hex	899173
RGB	137, 145, 115
RGB Percent	54%, 57%, 45%
CMY	0.4627, 0.4314, 0.5490
CMYK	0.06, 0.00, 0.21, 0.43
HSL	76°, 12%, 51%
HSV	76°, 21%, 57%
XYZ	23.5364, 26.8070, 20.1534
YIQ	139.1880, 4.8620, -11.0260

Conversions

Conversions Part 2

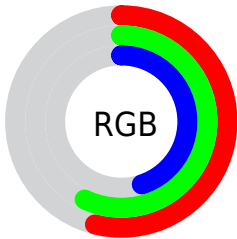
Format	Color
R_{YB}	115, 145, 123
Decimal	9015667
CIE _{Lab}	58.80, -8.41, 14.98
CIE _{LCh}	59, 17.178, 119.319
Yxy	26.8070, 0.3339, 0.3803
Android (android.graphics.Color)	4287205747 (0xFF899173)
YUV	139.1880, -11.9247, -1.9189
Hunter-Lab	51.7754, -9.4633, 13.1644

Details

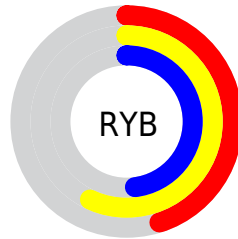
The RYB color **115, 145, 123** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **123, 115, 145**, and the grayscale version is **139, 139, 139**.

A 20% lighter version of the original color is **167, 199, 175**, and **67, 95, 75** is the 20% darker color. If you saturate the color by 10%, you get **101, 145, 113**, and if you desaturate by 10%, it is **130, 145, 134**.

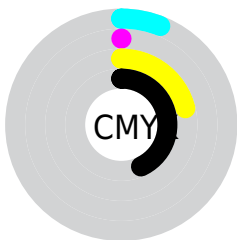
Distribution



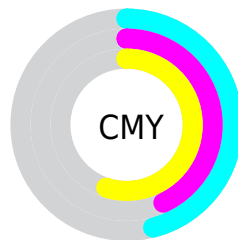
- Red (54%)
- Green (57%)
- Blue (45%)



- Red (45%)
- Yellow (57%)
- Blue (48%)



- Cyan (6%)
- Magenta (0%)
- Yellow (21%)
- Black (43%)



- Cyan (46%)
- Magenta (43%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the RYB color 115, 145, 123 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, 145, 123 by changing the saturation by 10% instead.

 115, 145, 123

255, 255, 255


 167, 199, 175

 194, 227, 203

 222, 255, 230

 251, 255, 251

 115, 145, 123

 90, 119, 98

 67, 95, 75


 44, 71, 52


 23, 49, 31

 0, 28, 6

 0, 0, 0


 115, 145, 123

 101, 145, 113

 86, 145, 102

 115, 145, 123

 130, 145, 134

 144, 145, 144

■ 72, 145, 92

■ 149, 145, 159

■ 57, 145, 80

■ 152, 145, 173

■ 43, 145, 70

■ 156, 145, 187

■ 28, 145, 59

■ 160, 145, 202

■ 13, 145, 48

■ 164, 145, 217

■ 0, 145, 39

■ 168, 145, 231

■ 172, 145, 245

Harmonies

Analogous

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



130, 153, 111



115, 145, 123



120, 143, 148

Triad

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



115, 145, 123



107, 131, 167



171, 131, 142

Complementary

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



115, 145, 123



123, 115, 145

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.



161, 133, 157



115, 145, 123



124, 138, 171

Square

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



115, 145, 123



100, 126, 156



144, 138, 168



173, 133, 127

Rectangle

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



115, 145, 123



110, 135, 150



144, 138, 168



168, 131, 147

Sweetspot

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



115, 145, 123



177, 189, 180



145, 126, 115



88, 94, 89



222, 222, 222



94, 94, 94

Same Dimension

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



115, 145, 123



142, 189, 155



115, 145, 138



64, 71, 66



0, 135, 36



0, 8, 2

Inverse Universe

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



123, 115, 145



154, 142, 189



138, 115, 145



66, 64, 71



36, 0, 135



2, 0, 8

Previews

White Background



This preview shows how the RYB color 115, 145, 123 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, 145, 123 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

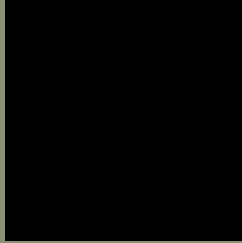
Any Text WCAG AA ✓ Pass

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, 145, 123 Background



This preview shows how black text looks on a background with the RYB color 115, 145, 123.



This preview shows how white text looks on a background with the RYB color 115, 145, 123.

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](#), [145](#), [123](#)

Protanopia
[125](#), [150](#), [113](#)

Deuteranopia
[163](#), [149](#), [117](#)



Tritanopia
142, 140, 151

Trichromacy



Original Color

115, 145, 123

Protanomaly

117, 145, 114

Deuteranomaly

141, 154, 116

Tritanomaly

138, 142, 140

Monochromacy



Original Color

115, 145, 123

Achromatopsia

139, 139, 139

Achromatomaly

130, 141, 133

CSS Examples

Text

The CSS property to change the color of the text to RYB 115, 145, 123 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(137, 145, 115)` looks like.

```
.text, #text, p{  
    color:rgb(137, 145, 115)  
}
```

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(137, 145, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 145, 115) }
```

Border

The CSS property to change the border of an element to RYB 115, 145, 123 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(137, 145, 115) }
```

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

```
.border{ border-color:rgb(137, 145, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 145, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 145, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 145, 115);  
box-shadow:4px 4px 4px 4px rgb(137, 145,  
115) }
```

Background

The CSS property to change the background color of an element to RYB 115, 145, 123 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 145, 115) }
```

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

```
.background{ background-color: rgb(137,  
145, 115) }
```

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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