

Converting Colors

`RYB(155, 145, 123)`

Have a look what the booklet for
RYB(155, 145, 123) contains.

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Color

R_YB(155, 145, 123)

Conversions

Conversions Part 1

Format	Color
Hex	9B887B
RGB	155, 136, 123
RGB Percent	61%, 53%, 48%
CMY	0.3922, 0.4665, 0.5176
CMYK	0.00, 0.12, 0.21, 0.39
HSL	24°, 14%, 55%
HSV	24°, 21%, 61%
XYZ	25.9021, 26.0174, 22.3956
YIQ	140.1990, 15.4970, -0.0150

Conversions

Conversions Part 2

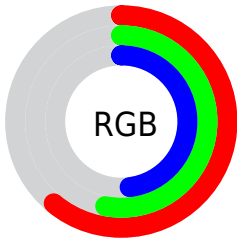
Format	Color
RYB	155, 145, 123
Decimal	10193019
CIELab	58.05, 4.97, 9.62
CIElCh	58, 10.828, 62.674
Yxy	26.0174, 0.3485, 0.3501
Android (android.graphics.Color)	4288383099 (0xFF9B887B)
YUV	140.1990, -8.4791, 12.9805
Hunter-Lab	51.0072, 1.3818, 9.6728

Details

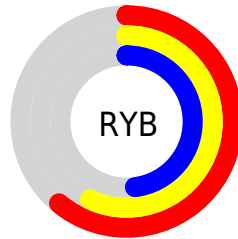
The RYB color **155, 145, 123** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **123, 135, 155**, and the grayscale version is **140, 140, 140**.

A 20% lighter version of the original color is **210, 198, 175**, and **103, 94, 74** is the 20% darker color. If you saturate the color by 10%, you get **155, 140, 108**, and if you desaturate by 10%, it is **155, 149, 139**.

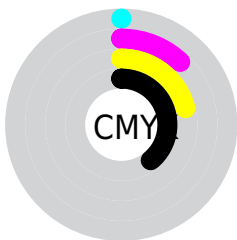
Distribution



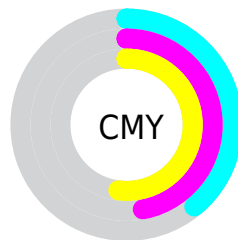
- Red (61%)
- Green (53%)
- Blue (48%)



- Red (61%)
- Yellow (57%)
- Blue (48%)



- Cyan (0%)
- Magenta (12%)
- Yellow (21%)
- Black (39%)



- Cyan (39%)
- Magenta (47%)
- Yellow (52%)


Brightness & Saturation Gradients

These gradients show how the RYB color 155, 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 155, 145, 123 by changing the saturation by 10% instead.

 155, 145, 123

255, 255, 255

 210, 198, 175

 238, 226, 203

 245, 255, 231

 155, 145, 123

 129, 120, 98

 103, 94, 74

 79, 71, 52

 56, 48, 31

 33, 35, 6

 0, 0, 0


 155, 145, 123

 155, 140, 108

 155, 136, 92

 155, 145, 123

 155, 149, 139

 155, 154, 154

■ 155, 128, 77

■ 155, 161, 170

■ 155, 125, 61

■ 155, 166, 185

■ 155, 120, 46

■ 155, 172, 201

■ 155, 116, 30

■ 155, 178, 216

■ 155, 111, 15

■ 155, 183, 232

■ 155, 106, 0

■ 155, 189, 247

■ 155, 194, 255

Harmonies

Analogous

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



160, 135, 130



155, 145, 123



131, 146, 121

Triad

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



155, 145, 123



118, 133, 145



142, 137, 155

Complementary

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



155, 145, 123



123, 135, 155

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.



130, 137, 158



155, 145, 123



116, 131, 149

Square

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



155, 145, 123



125, 139, 144



120, 134, 156



153, 134, 148

Rectangle

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



155, 145, 123



122, 141, 124



120, 134, 156



139, 138, 157

Sweetspot

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



155, 145, 123



201, 198, 189



155, 123, 142



102, 100, 95



230, 230, 230



102, 102, 102

Same Dimension

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



155, 145, 123



201, 187, 151



126, 155, 123



77, 74, 69



140, 96, 0



13, 8, 0

Inverse Universe

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



123, 135, 155



151, 170, 201



123, 126, 155



69, 72, 77



0, 52, 140



0, 5, 13

Previews

White Background



This preview shows how the RYB color 155, 145, 123 looks on a white background.

Color Contrast Check

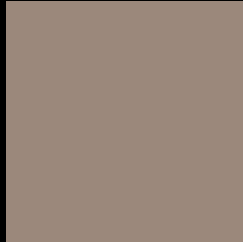
Large Text (above 18pt) WCAG AA ✓ Pass

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 155, 145, 123 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

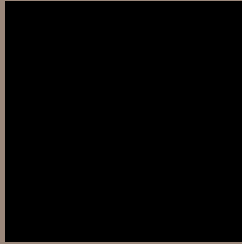
Any Text WCAG AA ✓ Pass

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](#).

RYP 155, 145, 123 Background



This preview shows how black text looks on a background with the RYP color 155, 145, 123.



This preview shows how white text looks on a background with the RYP color 155, 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

155, 145, 123

Protanopia

136, 146, 125

Deuteranopia

159, 141, 123



Tritanopia
158, 133, 143

Trichromacy



Original Color

155, 145, 123

Protanomaly

144, 149, 124

Deuteranomaly

158, 141, 123

Tritanomaly

157, 134, 136

Monochromacy



Original Color

155, 145, 123

Achromatopsia

140, 140, 140

Achromatomaly

145, 143, 134

CSS Examples

Text

The CSS property to change the color of the text to RYB 155, 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(155, 136, 123)` looks like.

```
.text, #text, p{  
    color:rgb(155, 136, 123)  
}
```

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(155, 136, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 136, 123) }
```

Border

The CSS property to change the border of an element to RYB 155, 145, 123 is called "border". The border property can be set on classes, ids or directly on the HTML element.

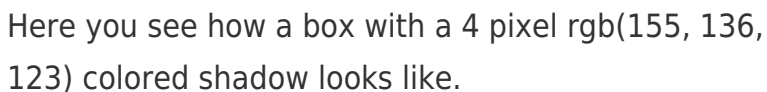
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(155, 136, 123) }
```

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

```
.border{ border-color:rgb(155, 136, 123) }
```

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



Here you see how a box with a 4 pixel `rgb(155, 136, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 136, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 136, 123);  
box-shadow:4px 4px 4px 4px rgb(155, 136,  
123) }
```

Background

The CSS property to change the background color of an element to RYB 155, 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(155, 136, 123) }
```

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

```
.background{ background-color: rgb(155,  
136, 123) }
```

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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