

Converting Colors

`RYB(159, 130, 123)`

Have a look what the booklet for
RYB(159, 130, 123) contains.

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Color

R_YB(159, 130, 123)

Conversions

Conversions Part 1

Format	Color
Hex	9F817B
RGB	159, 129, 123
RGB Percent	62%, 51%, 48%
CMY	0.3765, 0.4947, 0.5176
CMYK	0.00, 0.19, 0.23, 0.38
HSL	10°, 16%, 55%
HSV	10°, 23%, 62%
XYZ	25.7051, 24.4648, 22.1063
YIQ	137.2860, 19.8060, 4.4940

Conversions

Conversions Part 2

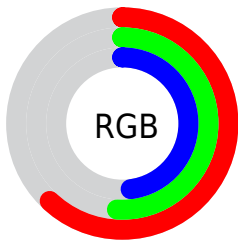
Format	Color
R_{YB}	159, 130, 123
Decimal	10453371
CIE _{Lab}	56.55, 10.63, 7.54
CIE _{LCh}	57, 13.029, 35.351
Yxy	24.4648, 0.3557, 0.3385
Android (android.graphics.Color)	4288643451 (0xFF9F817B)
YUV	137.2860, -7.0430, 19.0432
Hunter-Lab	49.4619, 6.2074, 8.1245

Details

The RYB color **159, 130, 123** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **123, 139, 159**, and the grayscale version is **137, 137, 137**.

A 20% lighter version of the original color is **214, 184, 175**, and **107, 81, 74** is the 20% darker color. If you saturate the color by 10%, you get **159, 118, 107**, and if you desaturate by 10%, it is **159, 143, 139**.

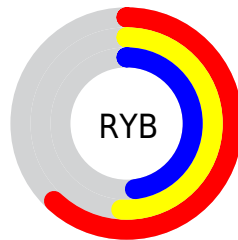
Distribution



Red (62%)

Green (51%)

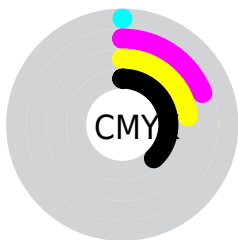
Blue (48%)



Red (62%)

Yellow (51%)

Blue (48%)

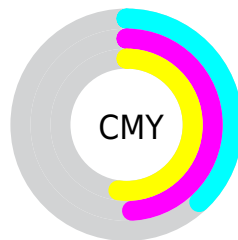


Cyan (0%)

Magenta (19%)

Yellow (23%)

Black (38%)



Cyan (38%)

Magenta (49%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the RYB color 159, 130, 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 159, 130, 123 by changing the saturation by 10% instead.


 159, 130, 123

255, 255, 255

 214, 184, 175

 243, 210, 203

 255, 241, 231

 159, 130, 123

 133, 105, 98

 107, 81, 74

 82, 58, 52

 58, 36, 31

 37, 17, 6

 0, 0, 0


 159, 130, 123

 159, 118, 107

 159, 104, 91

 159, 130, 123

 159, 143, 139

 159, 155, 155

■ 159, 92, 75

■ 159, 164, 171

■ 159, 79, 59

■ 159, 172, 187

■ 159, 66, 43

■ 159, 179, 203

■ 159, 53, 28

■ 159, 186, 218

■ 159, 41, 12

■ 159, 193, 234

■ 159, 31, 0

■ 159, 200, 250

■ 159, 205, 255

Harmonies

Analogous

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



159, 128, 134



159, 130, 123



153, 146, 115

Triad

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



159, 130, 123



117, 134, 141



126, 134, 158

Complementary

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



159, 130, 123



123, 139, 159

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.



113, 129, 156



159, 130, 123



108, 126, 142

Square

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



159, 130, 123



117, 139, 126



106, 125, 148



140, 132, 154

Rectangle

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



159, 130, 123



132, 146, 113



106, 125, 148



121, 132, 158

Sweetspot

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



159, 130, 123



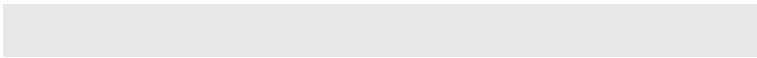
207, 194, 192



159, 123, 154



105, 99, 96



232, 232, 232



105, 105, 105

Same Dimension

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



159, 130, 123



207, 162, 151



143, 159, 123



79, 72, 71



143, 27, 0



15, 2, 0

Inverse Universe

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



123, 139, 159



151, 176, 207



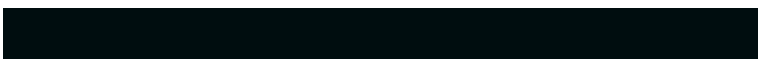
123, 133, 159



71, 75, 79



0, 65, 143



0, 7, 15

Previews

White Background



This preview shows how the RYB color 159, 130, 123 looks on a white background.

Color Contrast Check

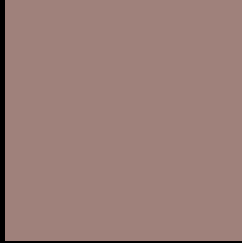
Large Text (above 18pt) WCAG AA ✓ Pass

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 159, 130, 123 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

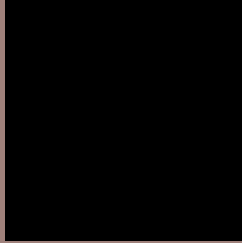
Any Text WCAG AA ✓ Pass

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 159, 130, 123 Background



This preview shows how black text looks on a background with the RYB color 159, 130, 123.



This preview shows how white text looks on a background with the RYB color 159, 130, 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

159, 130, 123

Protanopia

134, 140, 126

Deuteranopia

154, 134, 123



Tritanopia
161, 127, 137

Trichromacy



Original Color
159, 130, 123

Protanomaly
147, 138, 125

Deuteranomaly
156, 132, 123

Tritanomaly
160, 128, 132

Monochromacy



Original Color
159, 130, 123

Achromatopsia
137, 137, 137

Achromatomaly
145, 134, 132

CSS Examples

Text

The CSS property to change the color of the text to RYB 159, 130, 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(159, 129, 123)` looks like.

```
.text, #text, p{  
    color:rgb(159, 129, 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(159, 129, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 129, 123) }
```

Border

The CSS property to change the border of an element to RYB 159, 130, 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(159, 129, 123) }
```

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

```
.border{ border-color:rgb(159, 129, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 129, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 129, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 129, 123);  
box-shadow:4px 4px 4px 4px rgb(159, 129,  
123) }
```

Background

The CSS property to change the background color of an element to RYB 159, 130, 123 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 129, 123) }
```

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

```
.background{ background-color: rgb(159,  
129, 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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