

Converting Colors

`RYB(94, 131, 102)`

Have a look what the booklet for
RYB(94, 131, 102) contains.

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Color

R_YB(94, 131, 102)

Conversions

Conversions Part 1

Format	Color
Hex	7B835E
RGB	123, 131, 94
RGB Percent	48%, 51%, 37%
CMY	0.5176, 0.4863, 0.6314
CMYK	0.06, 0.00, 0.28, 0.49
HSL	73°, 16%, 44%
HSV	73°, 28%, 51%
XYZ	18.3051, 21.2517, 13.7269
YIQ	124.3900, 7.1090, -13.2030

Conversions

Conversions Part 2

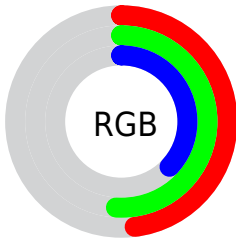
Format	Color
R_YB	94, 131, 102
Decimal	8094558
CIE Lab	53.22, -9.63, 19.07
CIE LCh	53, 21.363, 116.806
Yxy	21.2517, 0.3435, 0.3988
Android (android.graphics.Color)	4286284638 (0xFF7B835E)
YUV	124.3900, -14.9823, -1.2190
Hunter-Lab	46.0996, -9.7961, 14.6152

Details

The RYB color **94, 131, 102** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **102, 94, 131**, and the grayscale version is **125, 125, 125**.

A 20% lighter version of the original color is **145, 184, 153**, and **47, 82, 55** is the 20% darker color. If you saturate the color by 10%, you get **81, 131, 92**, and if you desaturate by 10%, it is **107, 131, 112**.

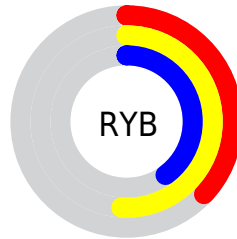
Distribution



Red (48%)

Green (51%)

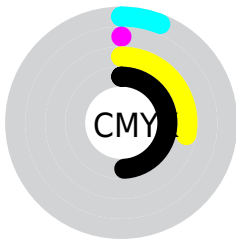
Blue (37%)



Red (37%)

Yellow (51%)

Blue (40%)

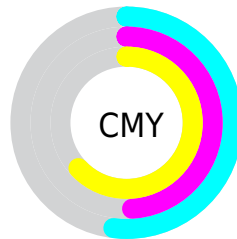


Cyan (6%)

Magenta (0%)

Yellow (28%)

Black (49%)



Cyan (52%)

Magenta (49%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the RYB color 94, 131, 102 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 94, 131, 102 by changing the saturation by 10% instead.



94, 131, 102



94, 131, 102

255, 255, 255



70, 106, 78



145, 184, 153



47, 82, 55



171, 212, 180



26, 59, 34



199, 240, 207



1, 37, 8



227, 255, 227



0, 17, 17



0, 0, 0



94, 131, 102



94, 131, 102



81, 131, 92



107, 131, 112



68, 131, 82



120, 131, 122

■ 55, 131, 71

■ 131, 131, 133

■ 42, 131, 61

■ 134, 131, 146

■ 29, 131, 51

■ 137, 131, 160

■ 15, 131, 40

■ 140, 131, 173

■ 2, 131, 30

■ 143, 131, 186

■ 0, 131, 28

■ 146, 131, 199

■ 148, 131, 212

Harmonies

Analogous

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



117, 142, 91



94, 131, 102



102, 131, 135

Triad

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



94, 131, 102



79, 111, 157



162, 114, 130

Complementary

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



94, 131, 102



102, 94, 131

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.



149, 117, 147



94, 131, 102



101, 120, 163

Square

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



94, 131, 102



72, 106, 143



127, 123, 160



164, 115, 111

Rectangle

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



94, 131, 102



88, 118, 137



127, 123, 160



159, 115, 136

Sweetspot

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



94, 131, 102



157, 171, 160



131, 103, 94



78, 87, 80



214, 214, 214



87, 87, 87

Same Dimension

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



94, 131, 102



113, 171, 126



94, 131, 120



60, 66, 61



0, 130, 28



0, 3, 1

Inverse Universe

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



102, 94, 131



125, 113, 171



120, 94, 131



61, 60, 66



28, 0, 130



1, 0, 3

Previews

White Background



This preview shows how the RYB color 94, 131, 102 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 94, 131, 102 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

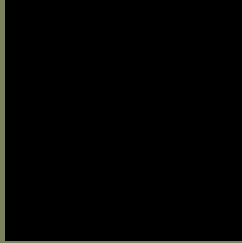
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

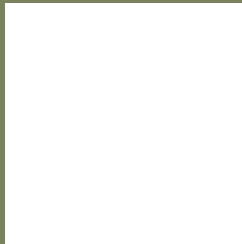
Any Text WCAG AAA × Fail

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

R Y B 94, 131, 102 Background



This preview shows how black text looks on a background with the R Y B color 94, 131, 102.



This preview shows how white text looks on a background with the R Y B color 94, 131, 102.

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

94, 131, 102

Protanopia

105, 137, 92

Deuteranopia

149, 147, 96



Tritanopia
129, 126, 136

Trichromacy



Original Color
94, 131, 102

Protanomaly
97, 132, 93

Deuteranomaly
118, 140, 95

Tritanomaly
121, 128, 122

Monochromacy



Original Color
94, 131, 102

Achromatopsia
124, 124, 124

Achromatomaly
113, 127, 116

CSS Examples

Text

The CSS property to change the color of the text to RYB 94, 131, 102 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(123, 131, 94)` looks like.

```
.text, #text, p{  
    color:rgb(123, 131, 94)  
}
```

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(123, 131, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 131, 94) }
```

Border

The CSS property to change the border of an element to RYB 94, 131, 102 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(123, 131, 94) }
```

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

```
.border{ border-color:rgb(123, 131, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 131, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(123, 131, 94); -webkit-box-shadow:4px 4px 4px 4px rgb(123, 131, 94); box-shadow:4px 4px 4px 4px rgb(123, 131, 94) }
```

Background

The CSS property to change the background color of an element to RYB 94, 131, 102 is called "background".

The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 131, 94) }
```

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

```
.background{ background-color: rgb(123,  
131, 94) }
```

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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