

Converting Colors

`RYB(104, 144, 103)`

Have a look what the booklet for
RYB(104, 144, 103) contains.

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Color

R_YB(104, 144, 103)

Conversions

Conversions Part 1

Format	Color
Hex	908F67
RGB	144, 143, 103
RGB Percent	56%, 56%, 40%
CMY	0.4353, 0.4391, 0.5961
CMYK	0.00, 0.01, 0.28, 0.44
HSL	59°, 17%, 48%
HSV	59°, 28%, 56%
XYZ	23.7758, 26.5606, 16.7056
YIQ	138.7390, 13.4360, -12.2280

Conversions

Conversions Part 2

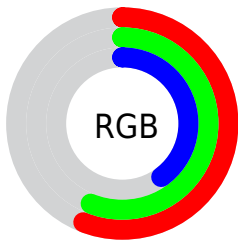
Format	Color
RYB	104, 144, 103
Decimal	9473895
CIELab	58.57, -6.36, 21.49
CIELCh	59, 22.413, 106.485
Yxy	26.5606, 0.3546, 0.3962
Android (android.graphics.Color)	4287663975 (0xFF908F67)
YUV	138.7390, -17.6193, 4.6139
Hunter-Lab	51.5370, -7.8415, 16.8572

Details

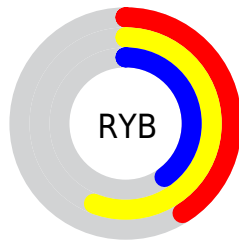
The RYB color **104, 144, 103** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **103, 104, 144**, and the grayscale version is **139, 139, 139**.

A 20% lighter version of the original color is **155, 198, 154**, and **55, 93, 55** is the 20% darker color. If you saturate the color by 10%, you get **90, 144, 89**, and if you desaturate by 10%, it is **118, 144, 117**.

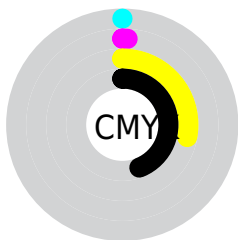
Distribution



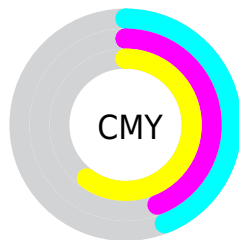
- Red (56%)
- Green (56%)
- Blue (40%)



- Red (41%)
- Yellow (56%)
- Blue (40%)



- Cyan (0%)
- Magenta (1%)
- Yellow (28%)
- Black (44%)




- Cyan (44%)
- Magenta (44%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the RYB color 104, 144, 103 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 104, 144, 103 by changing the saturation by 10% instead.

 104, 144, 103


255, 255, 255

 155, 198, 154

 182, 226, 181


 211, 255, 209

 237, 255, 237

 104, 144, 103

 80, 118, 79


 55, 93, 55

 33, 69, 33

 12, 47, 13


 0, 26, 1

 0, 0, 0

 104, 144, 103

 90, 144, 89

 76, 144, 74

 104, 144, 103

 118, 144, 117

 132, 144, 132

■ 62, 144, 60

■ 144, 144, 146

■ 47, 144, 45

■ 144, 144, 161

■ 34, 144, 31

■ 144, 145, 175

■ 20, 144, 17

■ 144, 145, 189

■ 5, 144, 2

■ 144, 145, 204

■ 3, 144, 0

■ 144, 146, 218

■ 144, 146, 233

Harmonies

Analogous

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



149, 163, 103



104, 144, 103



113, 148, 139

Triad

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



104, 144, 103



85, 122, 169



174, 127, 151

Complementary

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



104, 144, 103



103, 104, 144

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.



157, 132, 168



104, 144, 103



104, 131, 179

Square

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



104, 144, 103



84, 118, 152



132, 138, 178



181, 127, 131

Rectangle

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



104, 144, 103



107, 138, 151



132, 138, 178



170, 129, 157

Sweetspot

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



104, 144, 103



169, 186, 169



144, 103, 104



84, 94, 84



222, 222, 222



94, 94, 94

Same Dimension

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



104, 144, 103



124, 186, 123



103, 144, 122



64, 71, 64



3, 135, 0



1, 8, 0

Inverse Universe

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



103, 104, 144



123, 124, 186



122, 103, 144



64, 64, 71



0, 3, 135



0, 0, 8

Previews

White Background



This preview shows how the RYB color 104, 144, 103 looks on a white background.

Color Contrast Check

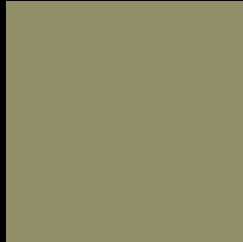
Large Text (above 18pt) WCAG AA ✓ Pass

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 104, 144, 103 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

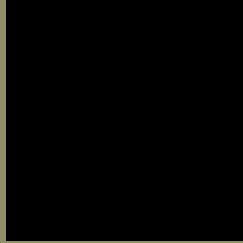
Any Text WCAG AA ✓ Pass

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 104, 144, 103 Background



This preview shows how black text looks on a background with the RYB color 104, 144, 103.



This preview shows how white text looks on a background with the RYB color 104, 144, 103.

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

104, 144, 103

Protanopia

115, 151, 102

Deuteranopia

166, 164, 105



Tritanopia
150, 137, 148

Trichromacy



Original Color

104, 144, 103

Protanomaly

109, 148, 102

Deuteranomaly

136, 158, 104

Tritanomaly

148, 144, 132

Monochromacy



Original Color

104, 144, 103

Achromatopsia

139, 139, 139

Achromatomaly

127, 141, 126

CSS Examples

Text

The CSS property to change the color of the text to RYB 104, 144, 103 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(144, 143, 103) looks like.

```
.text, #text, p{  
    color:rgb(144, 143, 103)  
}
```

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(144, 143, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 143, 103) }
```

Border

The CSS property to change the border of an element to RYB 104, 144, 103 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(144, 143, 103) }
```

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

```
.border{ border-color:rgb(144, 143, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 143, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 143, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 143, 103);  
box-shadow:4px 4px 4px 4px rgb(144, 143,  
103) }
```

Background

The CSS property to change the background color of an element to RYB 104, 144, 103 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 143, 103) }
```

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

```
.background{ background-color: rgb(144,  
143, 103) }
```

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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