

Converting Colors

`RYB(94, 144, 99)`

Have a look what the booklet for
RYB(94, 144, 99) contains.

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Color

R_YB(94, 144, 99)

Conversions

Conversions Part 1

Format	Color
Hex	8B905E
RGB	139, 144, 94
RGB Percent	55%, 56%, 37%
CMY	0.4549, 0.4353, 0.6314
CMYK	0.03, 0.00, 0.35, 0.44
HSL	66°, 21%, 47%
HSV	66°, 35%, 56%
XYZ	22.6411, 26.2436, 14.4619
YIQ	136.8050, 13.0700, -16.6100

Conversions

Conversions Part 2

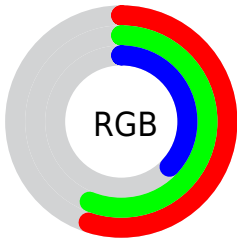
Format	Color
RYB	94, 144, 99
Decimal	9146462
CIELab	58.27, -10.17, 26.00
CIElCh	58, 27.922, 111.361
Yxy	26.2436, 0.3574, 0.4143
Android (android.graphics.Color)	4287336542 (0xFF8B905E)
YUV	136.8050, -21.1029, 1.9250
Hunter-Lab	51.2285, -10.7596, 19.1223

Details

The RYB color **94, 144, 99** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **99, 94, 144**, and the grayscale version is **137, 137, 137**.

A 20% lighter version of the original color is **145, 198, 150**, and **47, 94, 53** is the 20% darker color. If you saturate the color by 10%, you get **80, 144, 86**, and if you desaturate by 10%, it is **108, 144, 112**.

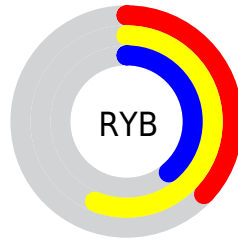
Distribution



Red (55%)

Green (56%)

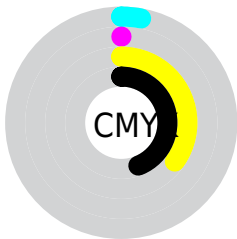
Blue (37%)



Red (37%)

Yellow (56%)

Blue (39%)

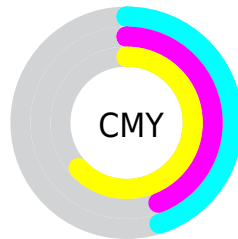


Cyan (3%)

Magenta (0%)

Yellow (35%)

Black (44%)



Cyan (45%)

Magenta (44%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the RYB color 94, 144, 99 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, 144, 99 by changing the saturation by 10% instead.



94, 144, 99



94, 144, 99

255, 255, 255



70, 118, 75



145, 198, 150



47, 94, 53



172, 226, 177



25, 70, 31



199, 254, 203



0, 48, 7



227, 255, 227



0, 27, 9



0, 0, 0



94, 144, 99



94, 144, 99



80, 144, 86



108, 144, 112



65, 144, 73



123, 144, 125

■ 51, 144, 60

■ 137, 144, 138

■ 36, 144, 47

■ 145, 144, 152

■ 22, 144, 34

■ 146, 144, 166

■ 8, 144, 22

■ 148, 144, 180

■ 0, 144, 14

■ 149, 144, 195

■ 151, 144, 209

■ 152, 144, 224

Harmonies

Analogous

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



136, 163, 92



94, 144, 99



109, 150, 148

Triad

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



94, 144, 99



64, 113, 177



183, 122, 148

Complementary

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



94, 144, 99



99, 94, 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.



164, 128, 171



94, 144, 99



96, 128, 188

Square

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



94, 144, 99



59, 107, 157



133, 136, 185



189, 122, 123

Rectangle

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



94, 144, 99



92, 131, 152



133, 136, 185



178, 124, 156

Sweetspot

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



94, 144, 99



168, 186, 170



144, 100, 94



83, 94, 84



222, 222, 222



94, 94, 94

Same Dimension

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



94, 144, 99



108, 186, 116



94, 144, 124



64, 71, 64



0, 135, 13



0, 8, 1

Inverse Universe

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



99, 94, 144



116, 108, 186



124, 94, 144



65, 64, 71



14, 0, 135



1, 0, 8

Previews

White Background



This preview shows how the RYB color 94, 144, 99 looks on a white background.

Color Contrast Check

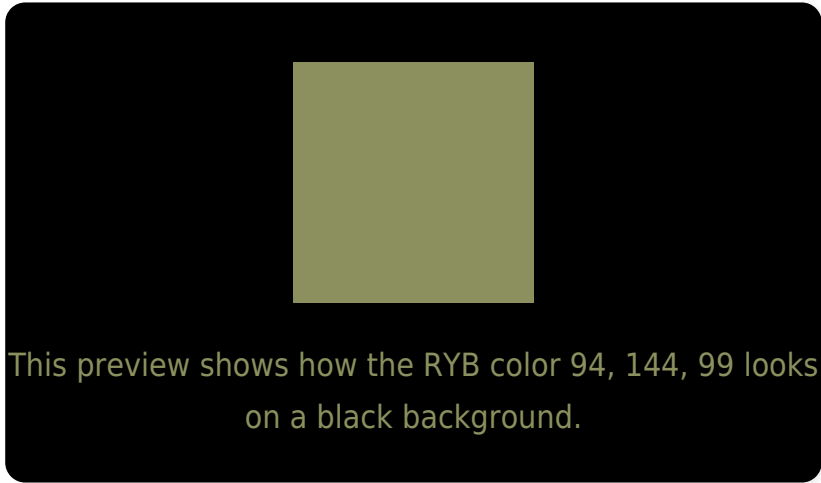
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

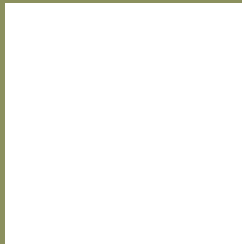
Any Text WCAG AAA × Fail

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

RYP 94, 144, 99 Background



This preview shows how black text looks on a background with the RYP color 94, 144, 99.



This preview shows how white text looks on a background with the RYP color 94, 144, 99.

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, 144, 99

Protanopia

107, 152, 92

Deuteranopia

158, 167, 96



Tritanopia

146, 137, 148

Trichromacy



Original Color

94, 144, 99

Protanomaly

100, 147, 93

Deuteranomaly

122, 157, 95

Tritanomaly

132, 143, 128

Monochromacy



Original Color

94, 144, 99

Achromatopsia

137, 137, 137

Achromatomaly

121, 140, 123

CSS Examples

Text

The CSS property to change the color of the text to RYB 94, 144, 99 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(139, 144, 94)` looks like.

```
.text, #text, p{  
    color:rgb(139, 144, 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(139, 144, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 144, 94) }
```

Border

The CSS property to change the border of an element to RYB 94, 144, 99 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(139, 144, 94) }
```

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

```
.border{ border-color:rgb(139, 144, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 144, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 144, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 144, 94);  
box-shadow:4px 4px 4px 4px rgb(139, 144,  
94) }
```

Background

The CSS property to change the background color of an element to RYB 94, 144, 99 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 144, 94) }
```

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

```
.background{ background-color: rgb(139,  
144, 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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