

Converting Colors

`RYB(139, 166, 150)`

Have a look what the booklet for
RYB(139, 166, 150) contains.

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Color

R_YB(139, 166, 150)

Conversions

Conversions Part 1

Format	Color
Hex	9BA68B
RGB	155, 166, 139
RGB Percent	61%, 65%, 55%
CMY	0.3922, 0.3490, 0.4549
CMYK	0.07, 0.00, 0.16, 0.35
HSL	84°, 13%, 60%
HSV	84°, 16%, 65%
XYZ	31.8140, 36.1051, 29.7183
YIQ	159.6330, 2.1110, -10.7290

Conversions

Conversions Part 2

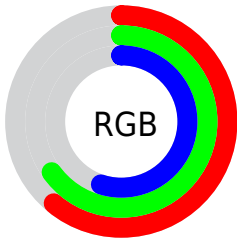
Format	Color
RYB	139, 166, 150
Decimal	10200715
CIELab	66.60, -8.87, 12.68
CIElCh	67, 15.478, 124.987
Yxy	36.1051, 0.3258, 0.3698
Android (android.graphics.Color)	4288390795 (0xFF9BA68B)
YUV	159.6330, -10.1721, -4.0631
Hunter-Lab	60.0875, -10.6443, 12.7374

Details

The RYB color **139, 166, 150** is a light color, and the websafe version is hex **999966**. A complement of this color would be **150, 139, 166**, and the grayscale version is **160, 160, 160**.

A 20% lighter version of the original color is **193, 221, 204**, and **89, 114, 99** is the 20% darker color. If you saturate the color by 10%, you get **122, 166, 140**, and if you desaturate by 10%, it is **156, 166, 160**.

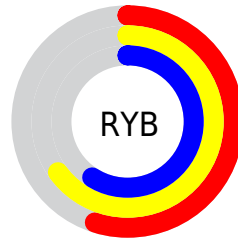
Distribution



Red (61%)

Green (65%)

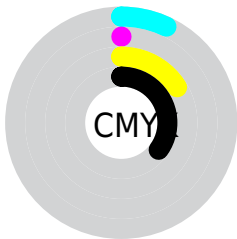
Blue (55%)



Red (55%)

Yellow (65%)

Blue (59%)

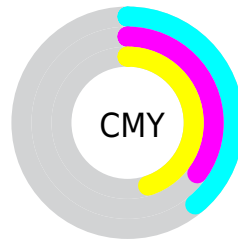


Cyan (7%)

Magenta (0%)

Yellow (16%)

Black (35%)



Cyan (39%)

Magenta (35%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the RYB color 139, 166, 150 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 139, 166, 150 by changing the saturation by 10% instead.

 139, 166, 150


255, 255, 255

 193, 221, 204

 220, 250, 232

 249, 255, 249

 139, 166, 150

 113, 140, 124

 89, 114, 99

 65, 90, 75

 43, 66, 53

 23, 44, 32

 0, 24, 10

 0, 0, 0

 139, 166, 150


 122, 166, 140

 139, 166, 150


 156, 166, 160


 106, 166, 131


 169, 166, 172


 89, 166, 120

 175, 166, 189

 73, 166, 111

 182, 166, 205


 56, 166, 101


 189, 166, 222

 39, 166, 91


 196, 166, 239

 23, 166, 81

 202, 166, 255

 6, 166, 71

 209, 166, 255

 0, 166, 68

 216, 166, 255

Harmonies

Analogous

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



146, 171, 134



139, 166, 150



140, 162, 169

Triad

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



139, 166, 150



134, 154, 187



190, 152, 160

Complementary

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



139, 166, 150



150, 139, 166

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.



182, 154, 174



139, 166, 150



150, 159, 189

Square

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



139, 166, 150



126, 149, 177



168, 158, 185



191, 155, 147

Rectangle

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



139, 166, 150



131, 154, 170



168, 158, 185



189, 153, 165

Sweetspot

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



139, 166, 150



206, 217, 211



166, 158, 139



103, 110, 106



237, 237, 237



110, 110, 110

Same Dimension

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



139, 166, 150



173, 217, 191



139, 166, 163



76, 84, 79



0, 148, 60



0, 20, 8

Inverse Universe

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



150, 139, 166



191, 173, 217



163, 139, 166



79, 76, 84



60, 0, 148



8, 0, 20

Previews

White Background



This preview shows how the RYB color 139, 166, 150 looks on a white background.

Color Contrast Check

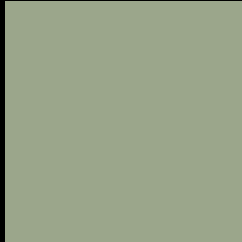
Large Text (above 18pt) WCAG AA × Fail

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 139, 166, 150 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

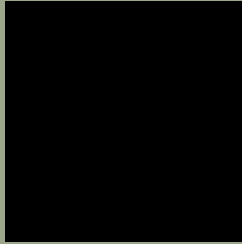
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

RYB 139, 166, 150 Background



This preview shows how black text looks on a background with the RYB color 139, 166, 150.



This preview shows how white text looks on a background with the RYB color 139, 166, 150.

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
139, 166, 150

Protanopia
149, 170, 137

Deuteranopia
185, 164, 141



Tritanopia
160, 161, 174

Trichromacy



Original Color

139, 166, 150

Protanomaly

140, 165, 138

Deuteranomaly

164, 174, 140

Tritanomaly

158, 161, 163

Monochromacy



Original Color

139, 166, 150

Achromatopsia

160, 160, 160

Achromatomaly

152, 162, 156

CSS Examples

Text

The CSS property to change the color of the text to RYB 139, 166, 150 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, 166, 139) looks like.

```
.text, #text, p{  
    color:rgb(155, 166, 139)  
}
```

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, 166, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 166, 139) }
```

Border

The CSS property to change the border of an element to RYB 139, 166, 150 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, 166, 139) }
```

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

```
.border{ border-color:rgb(155, 166, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 166, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 166, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 166, 139);  
box-shadow:4px 4px 4px 4px rgb(155, 166,  
139) }
```

Background

The CSS property to change the background color of an element to RYB 139, 166, 150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 166, 139) }
```

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

```
.background{ background-color: rgb(155,  
166, 139) }
```

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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