

Converting Colors

`RYB(139, 166, 156)`

Have a look what the booklet for
RYB(139, 166, 156) contains.

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Color

R_YB(139, 166, 156)

Conversions

Conversions Part 1

Format	Color
Hex	95A68B
RGB	149, 166, 139
RGB Percent	58%, 65%, 55%
CMY	0.4157, 0.3490, 0.4549
CMYK	0.10, 0.00, 0.16, 0.35
HSL	98°, 13%, 60%
HSV	98°, 16%, 65%
XYZ	30.6908, 35.5261, 29.6657
YIQ	157.8390, -1.4650, -12.0010

Conversions

Conversions Part 2

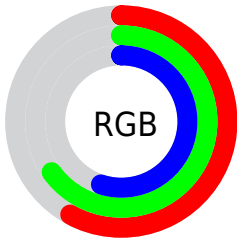
Format	Color
RYB	139, 166, 156
Decimal	9807499
CIELab	66.16, -11.10, 11.99
CIElCh	66, 16.338, 132.777
Yxy	35.5261, 0.3201, 0.3705
Android (android.graphics.Color)	4287997579 (0xFF95A68B)
YUV	157.8390, -9.2876, -7.7518
Hunter-Lab	59.6038, -12.3943, 12.2131

Details

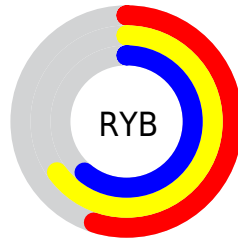
The RYB color **139, 166, 156** is a light color, and the websafe version is hex **999966**. A complement of this color would be **156, 139, 166**, and the grayscale version is **158, 158, 158**.

A 20% lighter version of the original color is **193, 221, 211**, and **89, 114, 105** is the 20% darker color. If you saturate the color by 10%, you get **122, 166, 149**, and if you desaturate by 10%, it is **156, 166, 163**.

Distribution



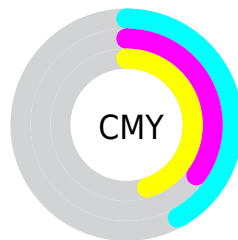
- Red (58%)
- Green (65%)
- Blue (55%)



- Red (55%)
- Yellow (65%)
- Blue (61%)



- Cyan (10%)
- Magenta (0%)
- Yellow (16%)
- Black (35%)



- Cyan (42%)
- Magenta (35%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the RYB color 139, 166, 156 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, 156 by changing the saturation by 10% instead.

 139, 166, 156


255, 255, 255


 193, 221, 211

 220, 250, 239

 249, 255, 249

 139, 166, 156

 114, 140, 131

 89, 114, 105

 66, 90, 82

 43, 66, 58

 23, 44, 37

 0, 24, 18

 0, 0, 0


 139, 166, 156


 122, 166, 149


 139, 166, 156


 156, 166, 163


 106, 166, 144


 170, 166, 172


 89, 166, 137


 180, 166, 189

 73, 166, 132


 191, 166, 205


 56, 166, 125


 201, 166, 222


 39, 166, 119

 212, 166, 239

 23, 166, 113

 222, 166, 255

 6, 166, 107

 233, 166, 255

 0, 166, 105

 243, 166, 255

Harmonies

Analogous

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



137, 166, 132



139, 166, 156



133, 157, 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, 156



134, 154, 188



192, 151, 155

Complementary

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



139, 166, 156



156, 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.



185, 152, 170



139, 166, 156



153, 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, 156



123, 148, 180



171, 155, 182



190, 156, 142

Rectangle

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



139, 166, 156



126, 149, 169



171, 155, 182



190, 151, 160

Sweetspot

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



139, 166, 156



206, 217, 213



155, 166, 139



103, 110, 107



237, 237, 237



110, 110, 110

Same Dimension

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



139, 166, 156



173, 217, 201



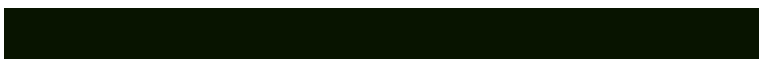
139, 163, 166



76, 84, 81



0, 148, 93



0, 20, 12

Inverse Universe

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



156, 139, 166



201, 173, 217



166, 139, 163



81, 76, 84



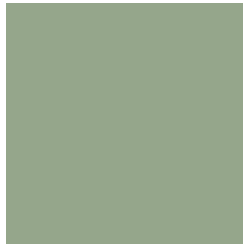
93, 0, 148



13, 0, 20

Previews

White Background



This preview shows how the RYB color 139, 166, 156 looks on a white background.

Color Contrast Check

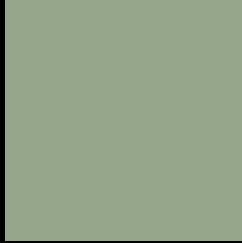
Large Text (above 18pt) WCAG AA × Fail

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, 156 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

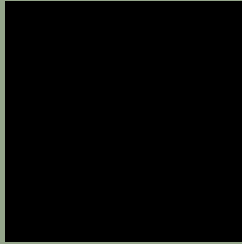
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

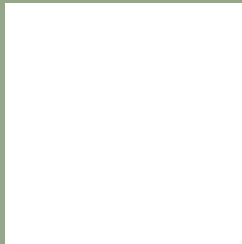
Any Text WCAG AAA ✓ Pass

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

RYB 139, 166, 156 Background



This preview shows how black text looks on a background with the RYB color 139, 166, 156.



This preview shows how white text looks on a background with the RYB color 139, 166, 156.

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](#).

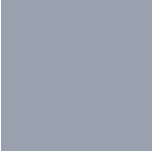
Dichromacy



Original Color
139, 166, 156

Protanopia
148, 169, 136

Deuteranopia
183, 162, 141



Tritanopia

154, 159, 174

Trichromacy



Original Color

139, 166, 156

Protanomaly

137, 162, 137

Deuteranomaly

160, 171, 140

Tritanomaly

152, 158, 163

Monochromacy



Original Color

139, 166, 156

Achromatopsia

158, 158, 158

Achromatomaly

151, 161, 157

CSS Examples

Text

The CSS property to change the color of the text to RYB 139, 166, 156 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(149, 166, 139)` looks like.

```
.text, #text, p{  
    color:rgb(149, 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(149, 166, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 166, 139) }
```

Border

The CSS property to change the border of an element to RYB 139, 166, 156 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(149, 166, 139) }
```

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

```
.border{ border-color:rgb(149, 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(149, 166, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 166, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 166, 139);  
box-shadow:4px 4px 4px 4px rgb(149, 166,  
139) }
```

Background

The CSS property to change the background color of an element to RGB 139, 166, 156 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 166, 139) }
```

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

```
.background{ background-color: rgb(149,  
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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