

Converting Colors

`RYB(149, 166, 161)`

Have a look what the booklet for
RYB(149, 166, 161) contains.

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Color

R_YB(149, 166, 161)

Conversions

Conversions Part 1

Format	Color
Hex	9AA695
RGB	154, 166, 149
RGB Percent	60%, 65%, 58%
CMY	0.3961, 0.3490, 0.4157
CMYK	0.07, 0.00, 0.10, 0.35
HSL	102°, 9%, 62%
HSV	102°, 10%, 65%
XYZ	32.3875, 36.3124, 33.7358
YIQ	160.4740, -1.6950, -7.8310

Conversions

Conversions Part 2

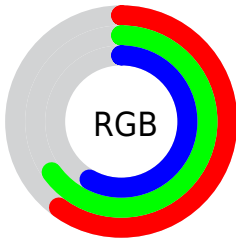
Format	Color
RYB	149, 166, 161
Decimal	10135189
CIELab	66.76, -7.48, 7.35
CIElCh	67, 10.489, 135.500
Yxy	36.3124, 0.3162, 0.3545
Android (android.graphics.Color)	4288325269 (0xFF9AA695)
YUV	160.4740, -5.6567, -5.6777
Hunter-Lab	60.2598, -9.5172, 8.9890

Details

The RYB color **149, 166, 161** is a light color, and the websafe version is hex **999999**. A complement of this color would be **161, 149, 166**, and the grayscale version is **161, 161, 161**.

A 20% lighter version of the original color is **203, 221, 216**, and **98, 114, 109** is the 20% darker color. If you saturate the color by 10%, you get **132, 166, 156**, and if you desaturate by 10%, it is **166, 166, 166**.

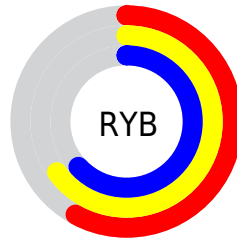
Distribution



Red (60%)

Green (65%)

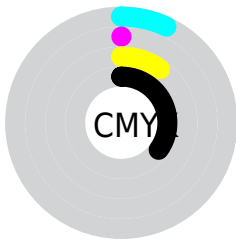
Blue (58%)



Red (58%)

Yellow (65%)

Blue (63%)

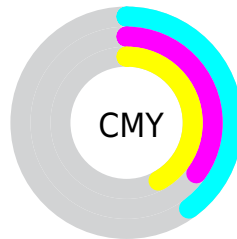


Cyan (7%)

Magenta (0%)

Yellow (10%)

Black (35%)



Cyan (40%)

Magenta (35%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the RYB color 149, 166, 161 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 149, 166, 161 by changing the saturation by 10% instead.


 149, 166, 161


255, 255, 255

 203, 221, 216

 231, 250, 244


 149, 166, 161

 123, 140, 135

 98, 114, 109

 74, 90, 85

 52, 66, 62


 31, 44, 41

 6, 24, 17

 0, 0, 0

 149, 166, 161


 132, 166, 156


 149, 166, 161


 166, 166, 166


 116, 166, 151


 177, 166, 182

 99, 166, 146


 189, 166, 199

 83, 166, 142


 201, 166, 215

 66, 166, 137


 213, 166, 232

 49, 166, 131

 224, 166, 249

 33, 166, 127

 236, 166, 255

 16, 166, 122

 248, 166, 255

 0, 166, 117

 255, 166, 255

Harmonies

Analogous

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



146, 165, 144



149, 166, 161



144, 160, 168

Triad

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



149, 166, 161



147, 159, 180



183, 156, 158

Complementary

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



149, 166, 161



161, 149, 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.



179, 156, 167



149, 166, 161



159, 162, 180

Square

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



149, 166, 161



140, 155, 175



170, 159, 176



181, 162, 149

Rectangle

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



149, 166, 161



140, 155, 168



170, 159, 176



182, 156, 161

Sweetspot

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



149, 166, 161



210, 217, 215



156, 166, 149



105, 110, 108



237, 237, 237



110, 110, 110

Same Dimension

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



149, 166, 161



191, 217, 210



149, 163, 166



76, 84, 82



0, 148, 105



0, 20, 14

Inverse Universe

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



161, 149, 166



209, 191, 217



166, 149, 163



82, 76, 84



104, 0, 148



14, 0, 20

Previews

White Background



This preview shows how the RYB color 149, 166, 161 looks on a white background.

Color Contrast Check

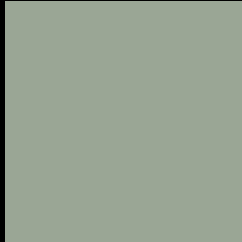
Large Text (above 18pt) WCAG AA × Fail

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 149, 166, 161 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

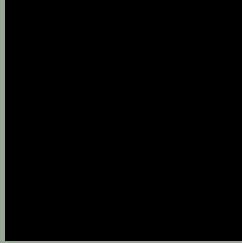
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

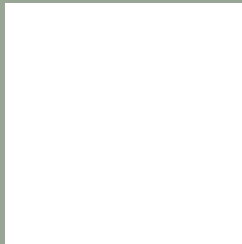
Any Text WCAG AAA ✓ Pass

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

RYB 149, 166, 161 Background



This preview shows how black text looks on a background with the RYB color 149, 166, 161.



This preview shows how white text looks on a background with the RYB color 149, 166, 161.

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](#).

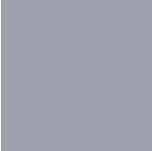
Dichromacy



Original Color
149, 166, 161

Protanopia
157, 169, 147

Deuteranopia
182, 158, 151



Tritanopia
158, 161, 175

Trichromacy



Original Color

149, 166, 161

Protanomaly

149, 164, 148

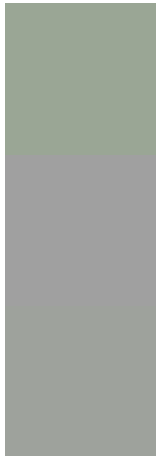
Deuteranomaly

172, 168, 150

Tritanomaly

157, 161, 166

Monochromacy



Original Color

149, 166, 161

Achromatopsia

160, 160, 160

Achromatomaly

156, 162, 160

CSS Examples

Text

The CSS property to change the color of the text to RGB 149, 166, 161 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(154, 166, 149) looks like.

```
.text, #text, p{  
    color:rgb(154, 166, 149)  
}
```

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(154, 166, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 166, 149) }
```

Border

The CSS property to change the border of an element to RYB 149, 166, 161 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(154, 166, 149) }
```

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

```
.border{ border-color:rgb(154, 166, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 166, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 166, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 166, 149);  
box-shadow:4px 4px 4px 4px rgb(154, 166,  
149) }
```

Background

The CSS property to change the background color of an element to RYB 149, 166, 161 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 166, 149) }
```

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

```
.background{ background-color: rgb(154,  
166, 149) }
```

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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