

Converting Colors

`RYB(149, 166, 155)`

Have a look what the booklet for RYB(149, 166, 155) contains.

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Color

R_YB(149, 166, 155)

Conversions

Conversions Part 1

Format	Color
Hex	A0A695
RGB	160, 166, 149
RGB Percent	63%, 65%, 58%
CMY	0.3725, 0.3490, 0.4157
CMYK	0.04, 0.00, 0.10, 0.35
HSL	81°, 9%, 62%
HSV	81°, 10%, 65%
XYZ	33.5582, 36.9159, 33.7906
YIQ	162.2680, 1.8810, -6.5590

Conversions

Conversions Part 2

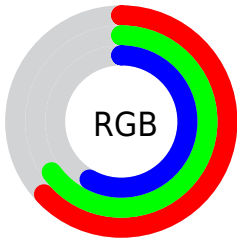
Format	Color
RYB	149, 166, 155
Decimal	10528405
CIELab	67.21, -5.29, 8.07
CIELCh	67, 9.644, 123.254
Yxy	36.9159, 0.3219, 0.3541
Android (android.graphics.Color)	4288718485 (0xFFA0A695)
YUV	162.2680, -6.5411, -1.9890
Hunter-Lab	60.7585, -7.7379, 9.5571

Details

The RYB color **149, 166, 155** is a light color, and the websafe version is hex **999999**. A complement of this color would be **155, 149, 166**, and the grayscale version is **162, 162, 162**.

A 20% lighter version of the original color is **203, 221, 209**, and **98, 114, 103** is the 20% darker color. If you saturate the color by 10%, you get **132, 166, 144**, and if you desaturate by 10%, it is **166, 166, 166**.

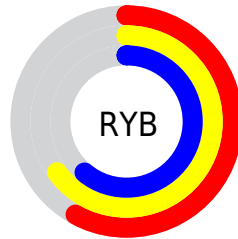
Distribution



Red (63%)

Green (65%)

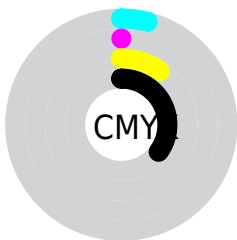
Blue (58%)



Red (58%)

Yellow (65%)

Blue (61%)

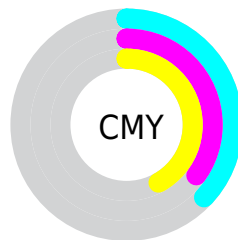


Cyan (4%)

Magenta (0%)

Yellow (10%)

Black (35%)



Cyan (37%)

Magenta (35%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the RYB color 149, 166, 155 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, 155 by changing the saturation by 10% instead.

 149, 166, 155


255, 255, 255


 203, 221, 209

 231, 250, 238


 149, 166, 155

 123, 140, 129

 98, 114, 103

 74, 90, 80

 52, 66, 57


 31, 44, 36


 6, 24, 11

 0, 0, 0

 149, 166, 155


 132, 166, 144

 149, 166, 155


 166, 166, 166


 116, 166, 134


 172, 166, 182

 99, 166, 123

 178, 166, 199

 83, 166, 112

 183, 166, 215


 66, 166, 101


 189, 166, 232

 49, 166, 90


 195, 166, 249

 33, 166, 80

 201, 166, 255

 16, 166, 69

 207, 166, 255

 0, 166, 59

 213, 166, 255

Harmonies

Analogous

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



156, 170, 146



149, 166, 155



150, 164, 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, 155



147, 159, 179



182, 158, 163

Complementary

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



149, 166, 155



155, 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.



176, 159, 172



149, 166, 155



156, 162, 181

Square

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



149, 166, 155



142, 156, 173



167, 161, 178



182, 159, 154

Rectangle

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



149, 166, 155



145, 159, 169



167, 161, 178



180, 158, 166

Sweetspot

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



149, 166, 155



210, 217, 213



166, 158, 149



105, 110, 107



237, 237, 237



110, 110, 110

Same Dimension

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



149, 166, 155



191, 217, 200



149, 166, 163



76, 84, 79



0, 148, 52



0, 20, 7

Inverse Universe

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



155, 149, 166



200, 191, 217



163, 149, 166



79, 76, 84



52, 0, 148



7, 0, 20

Previews

White Background



This preview shows how the RYB color 149, 166, 155 looks on a white background.

Color Contrast Check

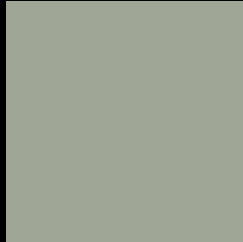
Large Text (above 18pt) WCAG AA × Fail

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, 155 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

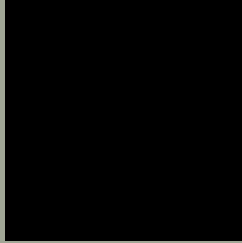
Any Text WCAG AA ✓ Pass

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, 155 Background



This preview shows how black text looks on a background with the RYB color 149, 166, 155.



This preview shows how white text looks on a background with the RYB color 149, 166, 155.

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, 155

Protanopia
157, 170, 147

Deuteranopia
184, 160, 151



Tritanopia

164, 162, 175

Trichromacy



Original Color

149, 166, 155

Protanomaly

150, 166, 148

Deuteranomaly

175, 170, 150

Tritanomaly

163, 163, 166

Monochromacy



Original Color

149, 166, 155

Achromatopsia

162, 162, 162

Achromatomaly

157, 163, 159

CSS Examples

Text

The CSS property to change the color of the text to RYB 149, 166, 155 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(160, 166, 149) looks like.

```
.text, #text, p{  
    color:rgb(160, 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(160, 166, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 166, 149) }
```

Border

The CSS property to change the border of an element to RYB 149, 166, 155 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(160, 166, 149) }
```

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

```
.border{ border-color:rgb(160, 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(160, 166, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 166, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 166, 149);  
box-shadow:4px 4px 4px 4px rgb(160, 166,  
149) }
```

Background

The CSS property to change the background color of an element to RYB 149, 166, 155 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 166, 149) }
```

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

```
.background{ background-color: rgb(160,  
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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