

Converting Colors

`RYB(155, 162, 163)`

Have a look what the booklet for
RYB(155, 162, 163) contains.

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Color

RYB(155, 162, 163)

Conversions

Conversions Part 1

Format	Color
Hex	9BA39C
RGB	155, 163, 156
RGB Percent	61%, 64%, 61%
CMY	0.3922, 0.3608, 0.3877
CMYK	0.05, 0.00, 0.04, 0.36
HSL	129°, 4%, 62%
HSV	129°, 5%, 64%
XYZ	32.6276, 35.5681, 36.6616
YIQ	159.8100, -2.5210, -3.8730

Conversions

Conversions Part 2

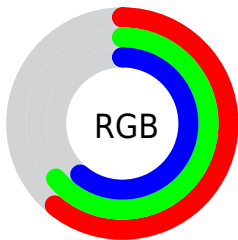
Format	Color
RYB	155, 162, 163
Decimal	10199964
CIELab	66.19, -4.17, 2.57
CIElCh	66, 4.893, 148.372
Yxy	35.5681, 0.3112, 0.3392
Android (android.graphics.Color)	4288390044 (0xFF9BA39C)
YUV	159.8100, -1.8783, -4.2184
Hunter-Lab	59.6390, -6.7135, 5.3002

Details

The RYB color **155, 162, 163** is a light color, and the websafe version is hex **999999**. A complement of this color would be **163, 155, 162**, and the grayscale version is **160, 160, 160**.

A 20% lighter version of the original color is **209, 217, 218**, and **104, 110, 111** is the 20% darker color. If you saturate the color by 10%, you get **139, 160, 163**, and if you desaturate by 10%, it is **171, 163, 170**.

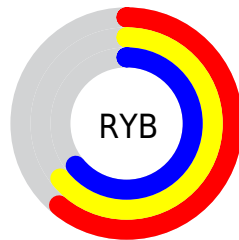
Distribution



Red (61%)

Green (64%)

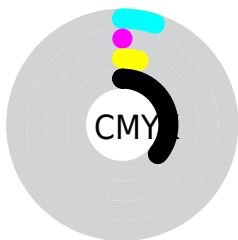
Blue (61%)



Red (61%)

Yellow (64%)

Blue (64%)

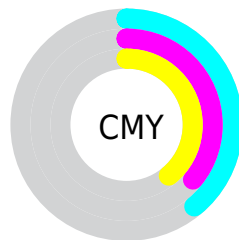


Cyan (5%)

Magenta (0%)

Yellow (4%)

Black (36%)



Cyan (39%)

Magenta (36%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the RYB color 155, 162, 163 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 155, 162, 163 by changing the saturation by 10% instead.

 155, 162, 163


255, 255, 255

 209, 216, 218

 238, 245, 246

 155, 162, 163


 129, 136, 137

 104, 110, 111

 80, 86, 87

 57, 63, 64


 35, 41, 42


 14, 21, 22

 0, 0, 0

 155, 162, 163


 139, 160, 163

 155, 162, 163


 171, 163, 170


 122, 158, 163


 188, 163, 184

 106, 156, 163


 204, 163, 198


 90, 154, 163


 220, 163, 212

 73, 152, 163


 236, 163, 226

 57, 150, 163

 253, 163, 240

 41, 148, 163

 255, 163, 254

 25, 146, 163

 255, 163, 255

 8, 144, 163

Harmonies

Analogous

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



153, 162, 155



155, 162, 163



151, 159, 164

Triad

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



155, 162, 163



156, 160, 170



171, 158, 157

Complementary

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



155, 162, 163



163, 155, 162

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.



170, 158, 161



155, 162, 163



162, 160, 169

Square

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



155, 162, 163



152, 159, 168



167, 159, 166



169, 162, 154

Rectangle

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



155, 162, 163



150, 157, 164



167, 159, 166



171, 158, 158

Sweetspot

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



155, 162, 163



210, 212, 212



155, 163, 156



106, 107, 107



235, 235, 235



107, 107, 107

Same Dimension

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



155, 162, 163



199, 210, 212



155, 160, 163



76, 81, 82



0, 127, 145



0, 15, 18

Inverse Universe

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



163, 155, 162



212, 199, 210



163, 155, 158



82, 76, 81



145, 0, 125



18, 0, 15

Previews

White Background



This preview shows how the RYB color 155, 162, 163 looks on a white background.

Color Contrast Check

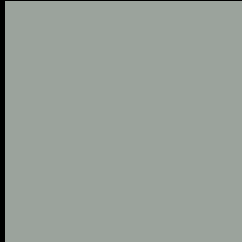
Large Text (above 18pt) WCAG AA × Fail

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 155, 162, 163 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

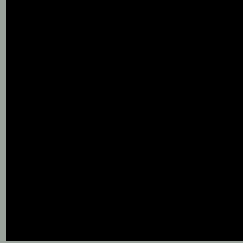
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

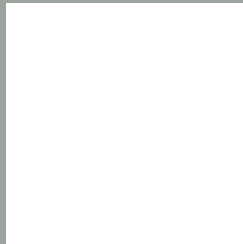
Any Text WCAG AAA ✓ Pass

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

R Y B 155, 162, 163 Background



This preview shows how black text looks on a background with the R Y B color 155, 162, 163.



This preview shows how white text looks on a background with the R Y B color 155, 162, 163.

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
[155](#), [162](#), [163](#)

Protanopia
[163](#), [165](#), [154](#)

Deuteranopia
[177](#), [155](#), [158](#)



Tritanopia
158, 160, 173

Trichromacy



Original Color

155, 162, 163

Protanomaly

155, 161, 155

Deuteranomaly

169, 158, 157

Tritanomaly

157, 160, 167

Monochromacy



Original Color

155, 162, 163

Achromatopsia

160, 160, 160

Achromatomaly

158, 160, 161

CSS Examples

Text

The CSS property to change the color of the text to RGB 155, 162, 163 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, 163, 156) looks like.

```
.text, #text, p{  
    color:rgb(155, 163, 156)  
}
```

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, 163, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 163, 156) }
```

Border

The CSS property to change the border of an element to RYB 155, 162, 163 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, 163, 156) }
```

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

```
.border{ border-color:rgb(155, 163, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 163, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 163, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 163, 156);  
box-shadow:4px 4px 4px 4px rgb(155, 163,  
156) }
```

Background

The CSS property to change the background color of an element to RYB 155, 162, 163 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 163, 156) }
```

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

```
.background{ background-color: rgb(155,  
163, 156) }
```

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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