

Converting Colors

`RYB(151, 161, 164)`

Have a look what the booklet for
RYB(151, 161, 164) contains.

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Color

RYB(151, 161, 164)

Conversions

Conversions Part 1

Format	Color
Hex	97A49B
RGB	151, 164, 155
RGB Percent	59%, 64%, 61%
CMY	0.4078, 0.3569, 0.3925
CMYK	0.08, 0.00, 0.06, 0.36
HSL	138°, 7%, 62%
HSV	138°, 8%, 64%
XYZ	31.9460, 35.4934, 36.1335
YIQ	159.0870, -4.8590, -5.5550

Conversions

Conversions Part 2

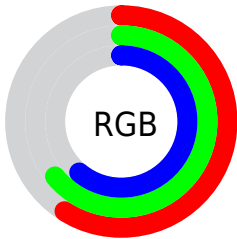
Format	Color
RYB	151, 161, 164
Decimal	9938075
CIELab	66.13, -6.37, 3.14
CIELCh	66, 7.104, 153.786
Yxy	35.4934, 0.3084, 0.3427
Android (android.graphics.Color)	4288128155 (0xFF97A49B)
YUV	159.0870, -2.0149, -7.0923
Hunter-Lab	59.5764, -8.5436, 5.7436

Details

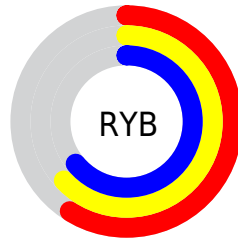
The RYB color **151, 161, 164** is a light color, and the websafe version is hex **999999**. A complement of this color would be **164, 151, 160**, and the grayscale version is **159, 159, 159**.

A 20% lighter version of the original color is **205, 216, 219**, and **100, 109, 112** is the 20% darker color. If you saturate the color by 10%, you get **135, 158, 164**, and if you desaturate by 10%, it is **167, 164, 166**.

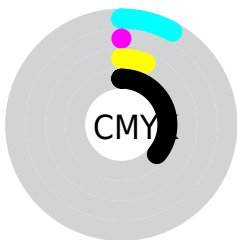
Distribution



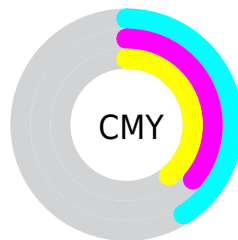
- Red (59%)
- Green (64%)
- Blue (61%)



- Red (59%)
- Yellow (63%)
- Blue (64%)



- Cyan (8%)
- Magenta (0%)
- Yellow (6%)
- Black (36%)




- Cyan (41%)
- Magenta (36%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the RYB color 151, 161, 164 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 151, 161, 164 by changing the saturation by 10% instead.

 151, 161, 164


255, 255, 255

 205, 216, 219


 233, 243, 247

 151, 161, 164


 125, 135, 138

 100, 109, 112

 76, 85, 88

 53, 62, 65


 32, 41, 43


 9, 18, 22

 0, 0, 0

 151, 161, 164


 135, 158, 164


 151, 161, 164


 167, 164, 166

 118, 153, 164


 184, 164, 178

 102, 150, 164


 200, 164, 189

 85, 146, 164


 217, 164, 201

 69, 142, 164


 233, 164, 212

 53, 139, 164

 249, 164, 224

 36, 134, 164

 255, 164, 235

 20, 131, 164

 255, 164, 247

 3, 126, 164

 255, 164, 255

Harmonies

Analogous

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



150, 163, 155



151, 161, 164



146, 157, 165

Triad

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



151, 161, 164



155, 160, 173



175, 158, 154

Complementary

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



151, 161, 164



164, 151, 160

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.



174, 156, 160



151, 161, 164



163, 159, 171

Square

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



151, 161, 164



149, 158, 172



170, 157, 166



171, 164, 149

Rectangle

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



151, 161, 164



145, 155, 166



170, 157, 166



175, 157, 156

Sweetspot

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



151, 161, 164



210, 213, 214



151, 164, 155



105, 106, 107



235, 235, 235



107, 107, 107

Same Dimension

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



151, 161, 164



193, 209, 214



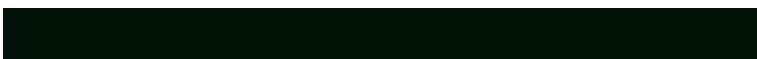
151, 158, 164



73, 80, 82



0, 111, 145



0, 14, 18

Inverse Universe

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



164, 151, 160



214, 193, 208



164, 151, 154



82, 73, 79



145, 0, 102



18, 0, 12

Previews

White Background



This preview shows how the RYB color 151, 161, 164 looks on a white background.

Color Contrast Check

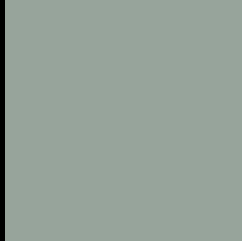
Large Text (above 18pt) WCAG AA × Fail

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 151, 161, 164 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

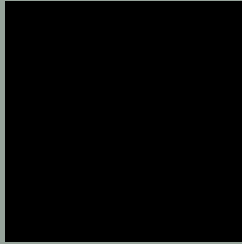
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

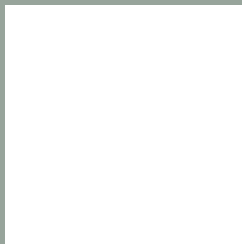
Any Text WCAG AAA ✓ Pass

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

RYB 151, 161, 164 Background



This preview shows how black text looks on a background with the RYB color 151, 161, 164.



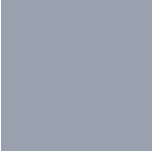
This preview shows how white text looks on a background with the RYB color 151, 161, 164.

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





Tritanopia
154, 159, 174

Trichromacy



Original Color

151, 161, 164

Protanomaly

154, 161, 155

Deuteranomaly

168, 158, 156

Tritanomaly

153, 158, 167

Monochromacy



Original Color

151, 161, 164

Achromatopsia

159, 159, 159

Achromatomaly

156, 160, 161

CSS Examples

Text

The CSS property to change the color of the text to RYB 151, 161, 164 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(151, 164, 155)` looks like.

```
.text, #text, p{  
    color:rgb(151, 164, 155)  
}
```

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(151, 164, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 164, 155) }
```

Border

The CSS property to change the border of an element to RYB 151, 161, 164 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(151, 164, 155) }
```

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

```
.border{ border-color:rgb(151, 164, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 164, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 164, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 164, 155);  
box-shadow:4px 4px 4px 4px rgb(151, 164,  
155) }
```

Background

The CSS property to change the background color of an element to RYB 151, 161, 164 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 164, 155) }
```

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

```
.background{ background-color: rgb(151,  
164, 155) }
```

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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