

Converting Colors

`RYB(151, 164, 151)`

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

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Color

R_YB(151, 164, 151)

Conversions

Conversions Part 1

Format	Color
Hex	A4A497
RGB	164, 164, 151
RGB Percent	64%, 64%, 59%
CMY	0.3569, 0.3569, 0.4078
CMYK	0.00, 0.00, 0.08, 0.36
HSL	60°, 7%, 62%
HSV	60°, 8%, 64%
XYZ	34.1712, 36.6778, 34.5567
YIQ	162.5180, 4.1730, -4.0430

Conversions

Conversions Part 2

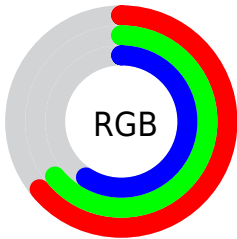
Format	Color
RYB	151, 164, 151
Decimal	10790039
CIELab	67.03, -2.38, 6.74
CIElCh	67, 7.147, 109.425
Yxy	36.6778, 0.3242, 0.3480
Android (android.graphics.Color)	4288980119 (0xFFA4A497)
YUV	162.5180, -5.6784, 1.2997
Hunter-Lab	60.5622, -5.2682, 8.5628

Details

The RYB color **151, 164, 151** is a light color, and the websafe version is hex **999999**. A complement of this color would be **151, 151, 164**, and the grayscale version is **163, 163, 163**.

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

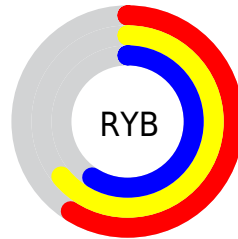
Distribution



Red (64%)

Green (64%)

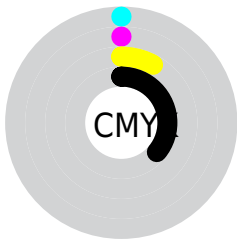
Blue (59%)



Red (59%)

Yellow (64%)

Blue (59%)

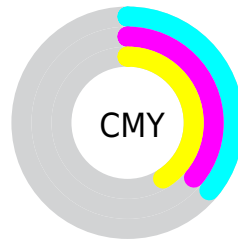


Cyan (0%)

Magenta (0%)

Yellow (8%)

Black (36%)



Cyan (36%)


Magenta (36%)

Yellow (41%)

Brightness & Saturation Gradients

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


 151, 164, 151


255, 255, 255

 205, 219, 205

 233, 247, 233

 151, 164, 151

 125, 138, 125

 100, 112, 100


 76, 88, 76

 54, 65, 55


 32, 43, 33


 9, 22, 9

 0, 0, 0

 151, 164, 151

 135, 164, 135

 151, 164, 151

 164, 164, 167

■ 118, 164, 118

■ 164, 164, 184

■ 102, 164, 102

■ 164, 164, 200

■ 85, 164, 85

■ 164, 164, 217

■ 69, 164, 69

■ 164, 164, 233

■ 53, 164, 53

■ 164, 164, 249

■ 36, 164, 36

■ 164, 164, 255

■ 20, 164, 20

■ 3, 164, 3

Harmonies

Analogous

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



167, 171, 151



151, 164, 151



155, 166, 164

Triad

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



151, 164, 151



149, 159, 173



175, 159, 166

Complementary

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



151, 164, 151



151, 151, 164

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.



169, 160, 172



151, 164, 151



154, 161, 176

Square

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



151, 164, 151



148, 158, 167



162, 162, 175



177, 159, 159

Rectangle

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



151, 164, 151



152, 163, 167



162, 162, 175



174, 159, 168

Sweetspot

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



151, 164, 151



210, 214, 210



164, 151, 151



105, 107, 105



235, 235, 235



107, 107, 107

Same Dimension

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



151, 164, 151



193, 214, 193



151, 164, 158



73, 82, 73



0, 145, 0



0, 18, 0

Inverse Universe

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



151, 151, 164



193, 193, 214



157, 151, 164



73, 73, 82



0, 0, 145



0, 0, 18

Previews

White Background



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

Color Contrast Check

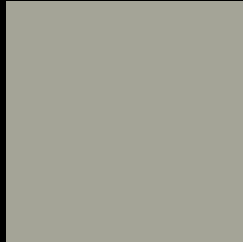
Large Text (above 18pt) WCAG AA × Fail

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, 164, 151 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

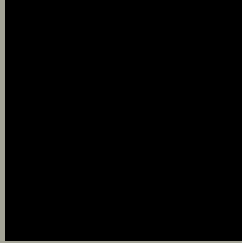
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

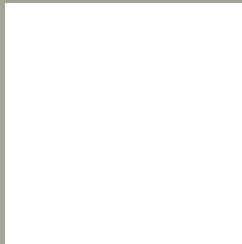
Any Text WCAG AAA ✓ Pass

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

RYB 151, 164, 151 Background



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



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

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
151, 164, 151

Protanopia
161, 169, 150

Deuteranopia
183, 158, 152



Tritanopia
167, 161, 173

Trichromacy



Original Color

151, 164, 151

Protanomaly

155, 167, 150

Deuteranomaly

176, 164, 152

Tritanomaly

166, 162, 165

Monochromacy



Original Color

151, 164, 151

Achromatopsia

163, 163, 163

Achromatomaly

159, 163, 159

CSS Examples

Text

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

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

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

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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