

Converting Colors

`RYB(151, 162, 133)`

Have a look what the booklet for
RYB(151, 162, 133) contains.

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Color

RYB(151, 162, 133)

Conversions

Conversions Part 1

Format	Color
Hex	A29785
RGB	162, 151, 133
RGB Percent	64%, 59%, 52%
CMY	0.3647, 0.4083, 0.4784
CMYK	0.00, 0.07, 0.18, 0.36
HSL	37°, 13%, 58%
HSV	37°, 18%, 64%
XYZ	30.1834, 31.4738, 26.6745
YIQ	152.2370, 12.3340, -3.2660

Conversions

Conversions Part 2

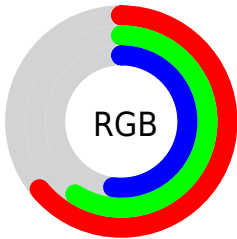
Format	Color
RYB	151, 162, 133
Decimal	10655621
CIELab	62.91, 1.01, 10.90
CIELCh	63, 10.948, 84.683
Yxy	31.4738, 0.3417, 0.3563
Android (android.graphics.Color)	4288845701 (0xFFA29785)
YUV	152.2370, -9.4838, 8.5622
Hunter-Lab	56.1015, -2.1422, 11.0805

Details

The RYB color **151, 162, 133** is a light color, and the websafe version is hex **999999**. A complement of this color would be **133, 141, 162**, and the grayscale version is **152, 152, 152**.

A 20% lighter version of the original color is **206, 217, 186**, and **99, 110, 83** is the 20% darker color. If you saturate the color by 10%, you get **144, 162, 117**, and if you desaturate by 10%, it is **157, 162, 149**.

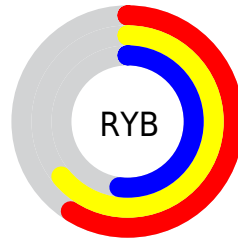
Distribution



Red (64%)

Green (59%)

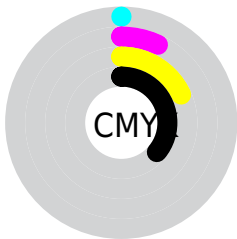
Blue (52%)



Red (59%)

Yellow (64%)

Blue (52%)

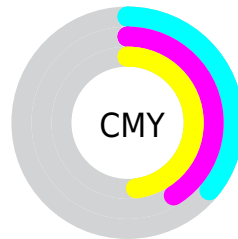


Cyan (0%)

Magenta (7%)

Yellow (18%)

Black (36%)



Cyan (36%)


Magenta (41%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the RYB color 151, 162, 133 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, 162, 133 by changing the saturation by 10% instead.


 151, 162, 133

255, 255, 255


 206, 217, 186

 236, 246, 214


 242, 255, 242


 151, 162, 133


 126, 136, 108

 99, 110, 83


 76, 86, 60


 51, 62, 39


 31, 40, 18


 15, 17, 0


 0, 0, 0

 151, 162, 133


 144, 162, 117


 151, 162, 133

 157, 162, 149

 141, 162, 101

 162, 163, 165

 133, 162, 84

 162, 168, 182


 126, 162, 68

 162, 172, 198

 120, 162, 52

 162, 176, 214


 114, 162, 36

 162, 181, 230


 110, 162, 20

 162, 185, 246

 102, 162, 3

 162, 189, 255

 100, 162, 0

 162, 192, 255

Harmonies

Analogous

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



170, 154, 137



151, 162, 133



134, 154, 137

Triad

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



151, 162, 133



128, 143, 160



163, 147, 164

Complementary

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



151, 162, 133



133, 141, 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.



152, 150, 170



151, 162, 133



131, 146, 168

Square

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



151, 162, 133



131, 147, 158



140, 150, 171



171, 146, 154

Rectangle

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



151, 162, 133



138, 156, 150



140, 150, 171



160, 148, 166

Sweetspot

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



151, 162, 133



207, 212, 201



162, 133, 144



104, 107, 101



235, 235, 235



107, 107, 107

Same Dimension

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



151, 162, 133



194, 212, 167



133, 162, 136



80, 82, 73



89, 145, 0



11, 18, 0

Inverse Universe

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



133, 141, 162



167, 179, 212



136, 133, 162



73, 76, 82



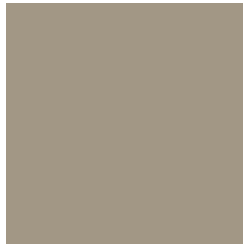
0, 40, 145



0, 5, 18

Previews

White Background



This preview shows how the RYB color 151, 162, 133 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, 162, 133 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

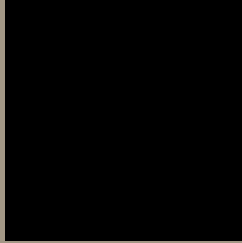
Any Text WCAG AA ✓ Pass

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, 162, 133 Background



This preview shows how black text looks on a background with the RYB color 151, 162, 133.



This preview shows how white text looks on a background with the RYB color 151, 162, 133.

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, 162, 133

Protanopia
143, 159, 133

Deuteranopia
174, 153, 134



Tritanopia
165, 147, 159

Trichromacy



Original Color

151, 162, 133

Protanomaly

144, 160, 133

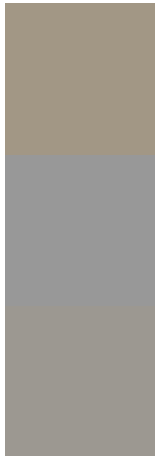
Deuteranomaly

170, 157, 134

Tritanomaly

164, 148, 150

Monochromacy



Original Color

151, 162, 133

Achromatopsia

152, 152, 152

Achromatomaly

151, 156, 145

CSS Examples

Text

The CSS property to change the color of the text to RYB 151, 162, 133 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(162, 151, 133) looks like.

```
.text, #text, p{  
    color:rgb(162, 151, 133)  
}
```

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(162, 151, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 151, 133) }
```

Border

The CSS property to change the border of an element to RYB 151, 162, 133 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(162, 151, 133) }
```

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

```
.border{ border-color:rgb(162, 151, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 151, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(162, 151, 133); -webkit-box-shadow:4px 4px 4px 4px rgb(162, 151, 133); box-shadow:4px 4px 4px 4px rgb(162, 151, 133) }
```

Background

The CSS property to change the background color of an element to RYB 151, 162, 133 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 151, 133) }
```

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

```
.background{ background-color: rgb(162,  
151, 133) }
```

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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