

Converting Colors

`RYB(150, 183, 172)`

Have a look what the booklet for
RYB(150, 183, 172) contains.

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Color

R_YB(150, 183, 172)

Conversions

Conversions Part 1

Format	Color
Hex	A1B796
RGB	161, 183, 150
RGB Percent	63%, 72%, 59%
CMY	0.3686, 0.2824, 0.4118
CMYK	0.12, 0.00, 0.18, 0.28
HSL	100°, 19%, 65%
HSV	100°, 18%, 72%
XYZ	37.1364, 43.6460, 35.3214
YIQ	172.6600, -2.5190, -14.9270

Conversions

Conversions Part 2

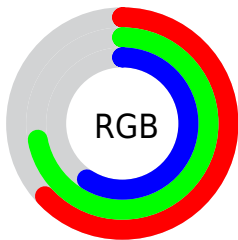
Format	Color
RYB	150, 183, 172
Decimal	10598294
CIELab	71.99, -13.74, 14.29
CIELCh	72, 19.823, 133.886
Yxy	43.6460, 0.3199, 0.3759
Android (android.graphics.Color)	4288788374 (0xFFA1B796)
YUV	172.6600, -11.1714, -10.2258
Hunter-Lab	66.0652, -15.2759, 14.5465

Details

The RYB color **150, 183, 172** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **172, 150, 183**, and the grayscale version is **173, 173, 173**.

A 20% lighter version of the original color is **204, 239, 227**, and **99, 130, 120** is the 20% darker color. If you saturate the color by 10%, you get **132, 183, 166**, and if you desaturate by 10%, it is **168, 183, 178**.

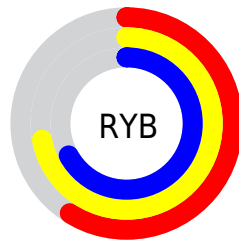
Distribution



Red (63%)

Green (72%)

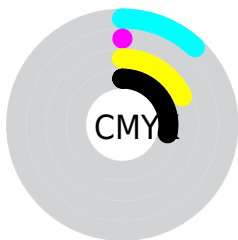
Blue (59%)



Red (59%)

Yellow (72%)

Blue (67%)

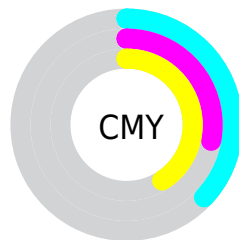


Cyan (12%)

Magenta (0%)

Yellow (18%)

Black (28%)



Cyan (37%)


Magenta (28%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the RYB color 150, 183, 172 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 150, 183, 172 by changing the saturation by 10% instead.


 150, 183, 172


255, 255, 255

 204, 239, 227

 232, 255, 243


 150, 183, 172

 124, 156, 145


 99, 130, 120

 75, 105, 95

 52, 81, 72

 31, 58, 50

 8, 36, 25

 0, 13, 13

 0, 0, 0

 150, 183, 172


 150, 183, 172

 132, 183, 166


 168, 183, 178


 113, 183, 159


 185, 183, 187


 95, 183, 154


 198, 183, 205

 77, 183, 148


 210, 183, 223

 59, 183, 142

 222, 183, 242

 40, 183, 135

 234, 183, 255

 22, 183, 129

 246, 183, 255

 4, 183, 124

 255, 183, 255

 0, 183, 122

Harmonies

Analogous

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



145, 182, 141



150, 183, 172



142, 170, 186

Triad

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



150, 183, 172



144, 168, 211



214, 164, 169

Complementary

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



150, 183, 172



172, 150, 183

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.



207, 165, 187



150, 183, 172



167, 174, 211

Square

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



150, 183, 172



129, 161, 201



190, 169, 203



211, 172, 152

Rectangle

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



150, 183, 172



132, 162, 187



190, 169, 203



213, 164, 175

Sweetspot

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



150, 183, 172



225, 237, 233



167, 183, 150



113, 120, 118



247, 247, 247



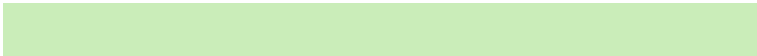
120, 120, 120

Same Dimension

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



150, 183, 172



185, 237, 220



150, 178, 183



83, 92, 89



0, 156, 104



0, 28, 19

Inverse Universe

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



172, 150, 183



220, 185, 237



183, 150, 178



89, 83, 92



104, 0, 156



19, 0, 28

Previews

White Background



This preview shows how the RYB color 150, 183, 172 looks on a white background.

Color Contrast Check

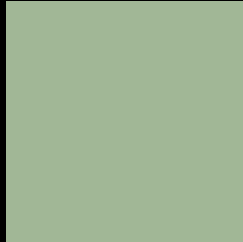
Large Text (above 18pt) WCAG AA × Fail

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 150, 183, 172 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

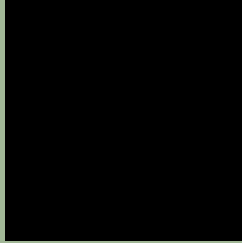
Any Text WCAG AA ✓ Pass

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 150, 183, 172 Background



This preview shows how black text looks on a background with the RYB color 150, 183, 172.

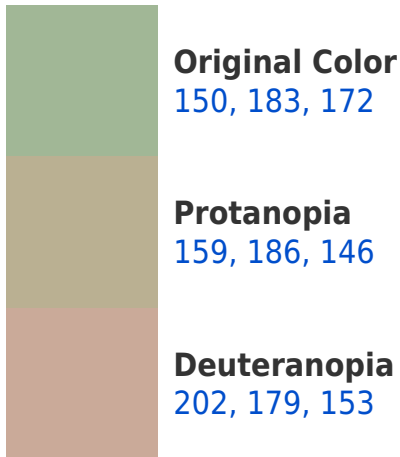


This preview shows how white text looks on a background with the RYB color 150, 183, 172.

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
167, 174, 191

Trichromacy



Original Color
150, 183, 172

Protanomaly
147, 179, 149

Deuteranomaly
170, 187, 152

Tritanomaly
165, 173, 179

Monochromacy



Original Color
150, 183, 172

Achromatopsia
173, 173, 173

Achromatomaly
165, 177, 173

CSS Examples

Text

The CSS property to change the color of the text to RYB 150, 183, 172 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(161, 183, 150)` looks like.

```
.text, #text, p{  
    color:rgb(161, 183, 150)  
}
```

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(161, 183, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 183, 150) }
```

Border

The CSS property to change the border of an element to RYB 150, 183, 172 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(161, 183, 150) }
```

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

```
.border{ border-color:rgb(161, 183, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 183, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 183, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 183, 150);  
box-shadow:4px 4px 4px 4px rgb(161, 183,  
150) }
```

Background

The CSS property to change the background color of an element to RYB 150, 183, 172 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 183, 150) }
```

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

```
.background{ background-color: rgb(161,  
183, 150) }
```

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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