

Converting Colors

`RYB(165, 172, 170)`

Have a look what the booklet for
RYB(165, 172, 170) contains.

RYB(165, 172, 170)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(165, 172, 170)

Conversions

Conversions Part 1

Format	Color
Hex	A7ACA5
RGB	167, 172, 165
RGB Percent	65%, 67%, 65%
CMY	0.3451, 0.3255, 0.3529
CMYK	0.03, 0.00, 0.04, 0.33
HSL	103°, 4%, 66%
HSV	103°, 4%, 67%
XYZ	37.4804, 40.4372, 41.4270
YIQ	169.7070, -0.7330, -3.2370

Conversions

Conversions Part 2

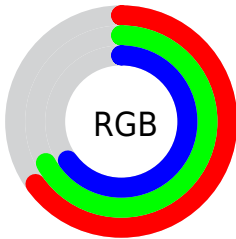
Format	Color
RYB	165, 172, 170
Decimal	10988709
CIELab	69.78, -3.08, 2.97
CIELCh	70, 4.284, 136.055
Yxy	40.4372, 0.3141, 0.3388
Android (android.graphics.Color)	4289178789 (0xFFA7ACA5)
YUV	169.7070, -2.3206, -2.3740
Hunter-Lab	63.5902, -6.0740, 5.8876

Details

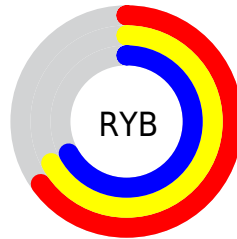
The RYB color **165, 172, 170** is a light color, and the websafe version is hex **999999**. A complement of this color would be **170, 165, 172**, and the grayscale version is **170, 170, 170**.

A 20% lighter version of the original color is **220, 227, 225**, and **113, 120, 118** is the 20% darker color. If you saturate the color by 10%, you get **148, 172, 165**, and if you desaturate by 10%, it is **179, 172, 182**.

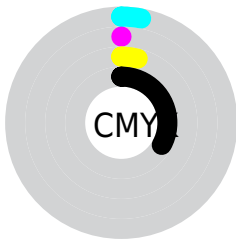
Distribution



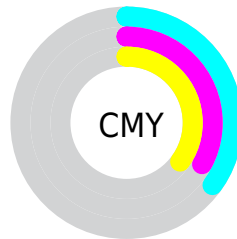
- Red (65%)
- Green (67%)
- Blue (65%)



- Red (65%)
- Yellow (67%)
- Blue (67%)



- Cyan (3%)
- Magenta (0%)
- Yellow (4%)
- Black (33%)



- Cyan (35%)
- Magenta (33%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the RYB color 165, 172, 170 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 165, 172, 170 by changing the saturation by 10% instead.

 165, 172, 170


255, 255, 255

 220, 227, 225


 248, 255, 252

 165, 172, 170

 139, 145, 143

 113, 120, 118

 89, 95, 93

 65, 71, 69

 43, 49, 47

 23, 28, 27


 0, 0, 0

 165, 172, 170


 148, 172, 165

 165, 172, 170


 179, 172, 182

 131, 172, 161


 192, 172, 199


 113, 172, 155


 204, 172, 217


 96, 172, 150


 216, 172, 234


 79, 172, 145


 228, 172, 251

 62, 172, 141


 241, 172, 255

 45, 172, 136

 253, 172, 255

 27, 172, 130

 255, 172, 255

 10, 172, 126

Harmonies

Analogous

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



164, 172, 163



165, 172, 170



163, 170, 173

Triad

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



165, 172, 170



165, 169, 178



179, 168, 168

Complementary

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



165, 172, 170



170, 165, 172

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.



177, 168, 172



165, 172, 170



169, 170, 178

Square

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



165, 172, 170



162, 168, 176



174, 169, 176



179, 171, 165

Rectangle

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



165, 172, 170



162, 168, 173



174, 169, 176



179, 168, 170

Sweetspot

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



165, 172, 170



222, 224, 223



168, 172, 165



111, 112, 112



240, 240, 240



112, 112, 112

Same Dimension

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



165, 172, 170



213, 224, 221



165, 171, 172



81, 87, 85



0, 150, 107



0, 23, 16

Inverse Universe

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



170, 165, 172



221, 213, 224



172, 165, 171



85, 81, 87



107, 0, 150



16, 0, 23

Previews

White Background



This preview shows how the RYB color 165, 172, 170 looks on a white background.

Color Contrast Check

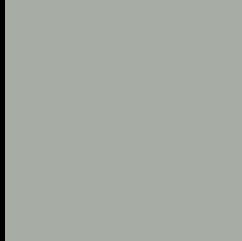
Large Text (above 18pt) WCAG AA × Fail

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 165, 172, 170 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

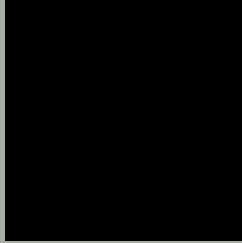
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

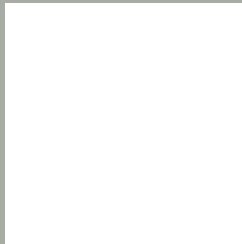
Any Text WCAG AAA ✓ Pass

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

R Y B 165, 172, 170 Background



This preview shows how black text looks on a background with the RYB color 165, 172, 170.



This preview shows how white text looks on a background with the RYB color 165, 172, 170.

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
165, 172, 170

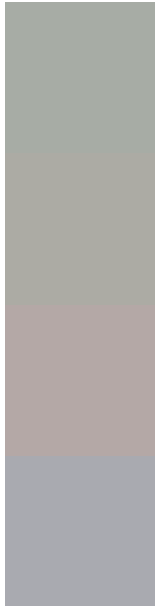
Protanopia
173, 175, 164

Deuteranopia
188, 165, 166



Tritanopia
170, 169, 183

Trichromacy



Original Color

165, 172, 170

Protanomaly

165, 172, 164

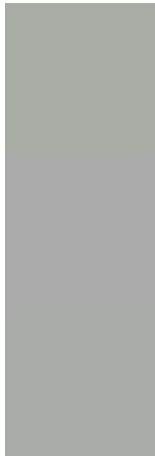
Deuteranomaly

180, 168, 166

Tritanomaly

169, 170, 176

Monochromacy



Original Color

165, 172, 170

Achromatopsia

170, 170, 170

Achromatomaly

168, 171, 170

CSS Examples

Text

The CSS property to change the color of the text to RGB 165, 172, 170 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(167, 172, 165) looks like.

```
.text, #text, p{  
    color:rgb(167, 172, 165)  
}
```

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(167, 172, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 172, 165) }
```

Border

The CSS property to change the border of an element to RYB 165, 172, 170 is called "border". The border property can be set on classes, ids or directly on the HTML element.

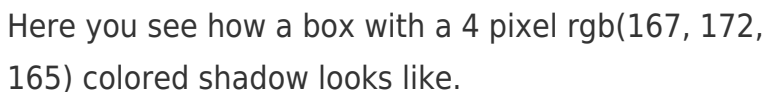
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(167, 172, 165) }
```

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

```
.border{ border-color:rgb(167, 172, 165) }
```

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



Here you see how a box with a 4 pixel `rgb(167, 172, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 172, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 172, 165);  
box-shadow:4px 4px 4px 4px rgb(167, 172,  
165) }
```

Background

The CSS property to change the background color of an element to RYB 165, 172, 170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 172, 165) }
```

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

```
.background{ background-color: rgb(167,  
172, 165) }
```

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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