

Converting Colors

`RYB(166, 177, 165)`

Have a look what the booklet for
RYB(166, 177, 165) contains.

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Color

RYB(166, 177, 165)

Conversions

Conversions Part 1

Format	Color
Hex	B1B0A5
RGB	177, 176, 165
RGB Percent	69%, 69%, 65%
CMY	0.3059, 0.3095, 0.3529
CMYK	0.00, 0.01, 0.07, 0.31
HSL	55°, 7%, 67%
HSV	55°, 7%, 69%
XYZ	40.4634, 43.1446, 41.7924
YIQ	175.0450, 4.1270, -3.2090

Conversions

Conversions Part 2

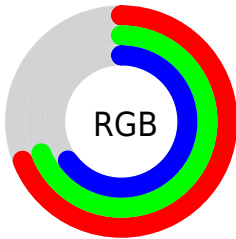
Format	Color
RYB	166, 177, 165
Decimal	11645093
CIELab	71.65, -1.68, 5.78
CIELCh	72, 6.017, 106.201
Yxy	43.1446, 0.3227, 0.3441
Android (android.graphics.Color)	4289835173 (0xFFB1B0A5)
YUV	175.0450, -4.9522, 1.7145
Hunter-Lab	65.6845, -4.9872, 8.2553

Details

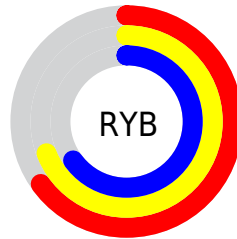
The RYB color **166, 177, 165** is a light color, and the websafe version is hex **999999**. A complement of this color would be **165, 166, 177**, and the grayscale version is **175, 175, 175**.

A 20% lighter version of the original color is **221, 233, 220**, and **113, 124, 113** is the 20% darker color. If you saturate the color by 10%, you get **149, 177, 147**, and if you desaturate by 10%, it is **177, 177, 183**.

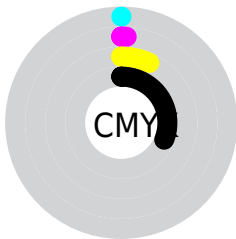
Distribution



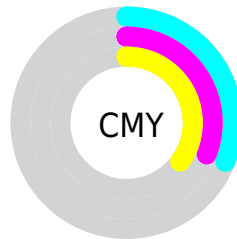
- Red (69%)
- Green (69%)
- Blue (65%)



- Red (65%)
- Yellow (69%)
- Blue (65%)



- Cyan (0%)
- Magenta (1%)
- Yellow (7%)
- Black (31%)



- Cyan (31%)
- Magenta (31%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the RYB color 166, 177, 165 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 166, 177, 165 by changing the saturation by 10% instead.


 166, 177, 165

255, 255, 255


 221, 233, 220

 248, 255, 248

 166, 177, 165

 140, 150, 139

 113, 124, 113

 90, 100, 89

 66, 76, 65

 44, 53, 43

 24, 32, 23

 0, 7, 2

 0, 0, 0

 166, 177, 165

 166, 177, 165

■ 149, 177, 147

■ 177, 177, 183

■ 134, 177, 130

■ 177, 179, 200

■ 117, 177, 112

■ 177, 180, 218

■ 100, 177, 94

■ 177, 182, 236

■ 86, 177, 77

■ 177, 183, 254

■ 69, 177, 59

■ 177, 183, 255

■ 52, 177, 41

■ 177, 185, 255

■ 36, 177, 23

■ 177, 186, 255

■ 20, 177, 6

■ 177, 187, 255

Harmonies

Analogous

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



183, 183, 165



166, 177, 165



168, 178, 175

Triad

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



166, 177, 165



163, 172, 183



185, 172, 178

Complementary

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



166, 177, 165



165, 166, 177

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.



180, 173, 183



166, 177, 165



167, 174, 186

Square

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



166, 177, 165



162, 171, 179



174, 175, 186



188, 172, 173

Rectangle

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



166, 177, 165



167, 175, 178



174, 175, 186



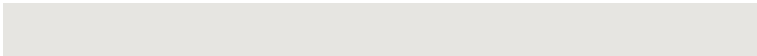
184, 172, 180

Sweetspot

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



166, 177, 165



226, 230, 225



177, 165, 166



112, 115, 112



242, 242, 242



115, 115, 115

Same Dimension

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



166, 177, 165



213, 230, 211



165, 177, 170



80, 89, 80



13, 153, 0



2, 26, 0

Inverse Universe

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



165, 166, 177



211, 213, 230



170, 165, 177



80, 81, 89



0, 11, 153



0, 2, 26

Previews

White Background



This preview shows how the RYB color 166, 177, 165 looks on a white background.

Color Contrast Check

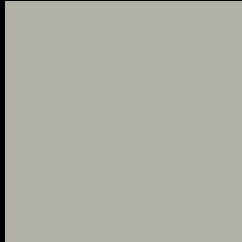
Large Text (above 18pt) WCAG AA × Fail

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 166, 177, 165 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

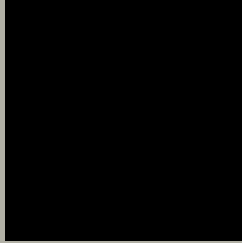
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

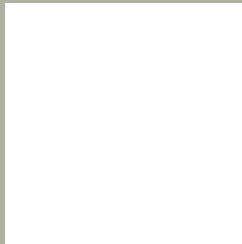
Any Text WCAG AAA ✓ Pass

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

R Y B 166, 177, 165 Background



This preview shows how black text looks on a background with the R Y B color 166, 177, 165.



This preview shows how white text looks on a background with the R Y B color 166, 177, 165.

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
166, 177, 165

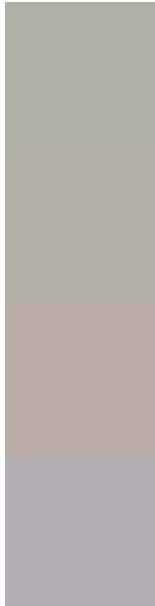
Protanopia
173, 181, 164

Deuteranopia
196, 169, 166



Tritanopia
180, 173, 187

Trichromacy



Original Color

166, 177, 165

Protanomaly

171, 180, 164

Deuteranomaly

189, 174, 166

Tritanomaly

179, 174, 179

Monochromacy



Original Color

166, 177, 165

Achromatopsia

175, 175, 175

Achromatomaly

172, 176, 171

CSS Examples

Text

The CSS property to change the color of the text to RGB 166, 177, 165 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(177, 176, 165) looks like.

```
.text, #text, p{  
    color:rgb(177, 176, 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(177, 176, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 176, 165) }
```

Border

The CSS property to change the border of an element to RYB 166, 177, 165 is called "border". The border property can be set on classes, ids or directly on the HTML element.

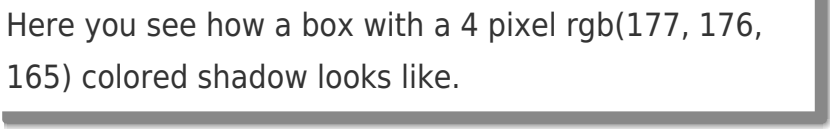
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(177, 176, 165) }
```

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

```
.border{ border-color:rgb(177, 176, 165) }
```

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



Here you see how a box with a 4 pixel `rgb(177, 176, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(177, 176, 165); -webkit-box-shadow:4px 4px 4px 4px rgb(177, 176, 165); box-shadow:4px 4px 4px 4px rgb(177, 176, 165) }
```

Background

The CSS property to change the background color of an element to RYB 166, 177, 165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 176, 165) }
```

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

```
.background{ background-color: rgb(177,  
176, 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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