

Converting Colors

`RYB(166, 177, 129)`

Have a look what the booklet for
RYB(166, 177, 129) contains.

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Color

R_YB(166, 177, 129)

Conversions

Conversions Part 1

Format	Color
Hex	B19C81
RGB	177, 156, 129
RGB Percent	69%, 61%, 51%
CMY	0.3059, 0.3878, 0.4941
CMYK	0.00, 0.12, 0.27, 0.31
HSL	34°, 24%, 60%
HSV	34°, 27%, 69%
XYZ	34.0002, 34.7446, 25.6833
YIQ	159.2010, 21.1830, -3.9450

Conversions

Conversions Part 2

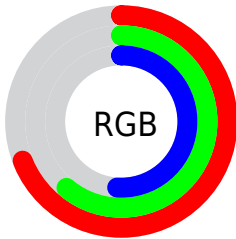
Format	Color
RYB	166, 177, 129
Decimal	11639937
CIELab	65.55, 3.43, 17.03
CIElCh	66, 17.371, 78.608
Yxy	34.7446, 0.3601, 0.3679
Android (android.graphics.Color)	4289830017 (0xFFB19C81)
YUV	159.2010, -14.8891, 15.6097
Hunter-Lab	58.9445, -0.1913, 15.4274

Details

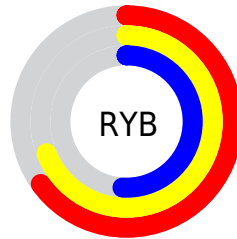
The RYB color **166, 177, 129** is a light color, and the websafe version is hex **999966**. A complement of this color would be **129, 144, 177**, and the grayscale version is **159, 159, 159**.

A 20% lighter version of the original color is **224, 233, 182**, and **113, 124, 80** is the 20% darker color. If you saturate the color by 10%, you get **163, 177, 111**, and if you desaturate by 10%, it is **170, 177, 147**.

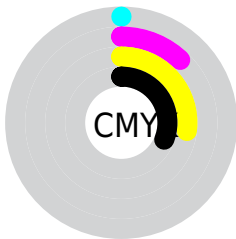
Distribution



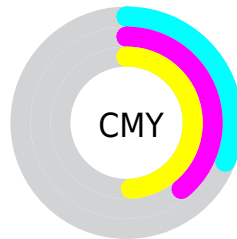
- Red (69%)
- Green (61%)
- Blue (51%)



- Red (65%)
- Yellow (69%)
- Blue (51%)



- Cyan (0%)
- Magenta (12%)
- Yellow (27%)
- Black (31%)



- Cyan (31%)
- Magenta (39%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the RYB color 166, 177, 129 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, 129 by changing the saturation by 10% instead.

 166, 177, 129

255, 255, 255

 221, 233, 182

 235, 255, 210

 238, 255, 238

 166, 177, 129

 139, 150, 104

 113, 124, 80

 86, 98, 57

 62, 74, 35

 37, 50, 14

 24, 29, 0


 0, 0, 0


 166, 177, 129

 163, 177, 111

 166, 177, 129


 170, 177, 147

 158, 177, 94


 172, 177, 164

 154, 177, 76

 177, 178, 182

 150, 177, 58

 177, 184, 200

 145, 177, 41

 177, 190, 218

 142, 177, 23

 177, 194, 235

 138, 177, 5

 177, 200, 253

 136, 177, 0

 177, 204, 255

 177, 207, 255

Harmonies

Analogous

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



188, 157, 136



166, 177, 129



130, 161, 130

Triad

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



166, 177, 129



118, 143, 168



174, 152, 180

Complementary

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



166, 177, 129



129, 144, 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.



154, 157, 188



166, 177, 129



120, 146, 182

Square

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



166, 177, 129



127, 152, 168



134, 153, 189



187, 149, 166

Rectangle

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



166, 177, 129



135, 164, 150



134, 153, 189



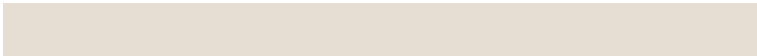
168, 154, 184

Sweetspot

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



166, 177, 129



225, 230, 211



177, 129, 151



112, 115, 103



242, 242, 242



115, 115, 115

Same Dimension

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



166, 177, 129



212, 230, 154



129, 177, 131



87, 89, 80



119, 153, 0



22, 26, 0

Inverse Universe

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



129, 144, 177



154, 177, 230



131, 129, 177



80, 83, 89



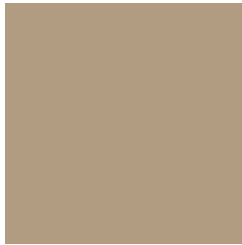
0, 47, 153



0, 8, 26

Previews

White Background



This preview shows how the RYB color 166, 177, 129 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, 129 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

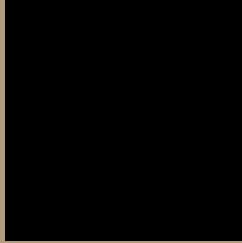
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

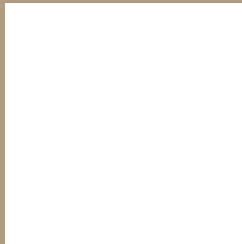
Any Text WCAG AAA ✓ Pass

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

R Y B 166, 177, 129 Background



This preview shows how black text looks on a background with the RYB color 166, 177, 129.



This preview shows how white text looks on a background with the RYB color 166, 177, 129.

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, 129

Protanopia
143, 169, 130

Deuteranopia
185, 170, 130



Tritanopia
181, 151, 163

Trichromacy



Original Color
166, 177, 129

Protanomaly
151, 172, 130

Deuteranomaly
182, 175, 130

Tritanomaly
180, 153, 151

Monochromacy



Original Color
166, 177, 129

Achromatopsia
159, 159, 159

Achromatomaly
162, 166, 148

CSS Examples

Text

The CSS property to change the color of the text to RYB 166, 177, 129 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, 156, 129)` looks like.

```
.text, #text, p{  
    color:rgb(177, 156, 129)  
}
```

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, 156, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 156, 129) }
```

Border

The CSS property to change the border of an element to RYB 166, 177, 129 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, 156, 129) }
```

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

```
.border{ border-color:rgb(177, 156, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 156, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 156, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 156, 129);  
box-shadow:4px 4px 4px 4px rgb(177, 156,  
129) }
```

Background

The CSS property to change the background color of an element to RYB 166, 177, 129 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 156, 129) }
```

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

```
.background{ background-color: rgb(177,  
156, 129) }
```

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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