

Converting Colors

`RYB(161, 189, 104)`

Have a look what the booklet for
RYB(161, 189, 104) contains.

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Color

$\text{RYB}(161, 189, 104)$

Conversions

Conversions Part 1

Format	Color
Hex	BD9B68
RGB	189, 155, 104
RGB Percent	74%, 61%, 41%
CMY	0.2588, 0.3926, 0.5922
CMYK	0.00, 0.18, 0.45, 0.26
HSL	36°, 39%, 57%
HSV	36°, 45%, 74%
XYZ	35.1864, 35.2212, 18.0405
YIQ	159.3520, 36.6350, -8.6530

Conversions

Conversions Part 2

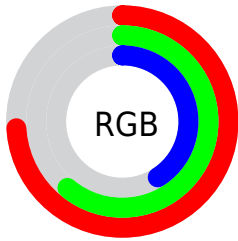
Format	Color
R_{YB}	161, 189, 104
Decimal	12426088
CIE Lab	65.92, 5.91, 31.39
CIE LCh	66, 31.946, 79.336
Yxy	35.2212, 0.3978, 0.3982
Android (android.graphics.Color)	4290616168 (0xFFBD9B68)
YUV	159.3520, -27.2885, 26.0013
Hunter-Lab	59.3474, 1.9726, 23.5201

Details

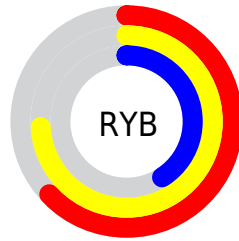
The RYB color **161, 189, 104** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **104, 128, 189**, and the grayscale version is **160, 160, 160**.

A 20% lighter version of the original color is **221, 247, 156**, and **105, 134, 56** is the 20% darker color. If you saturate the color by 10%, you get **155, 189, 85**, and if you desaturate by 10%, it is **169, 189, 123**.

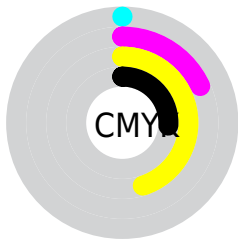
Distribution



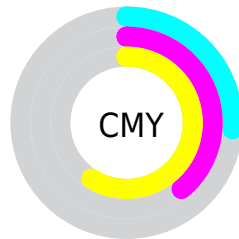
- Red (74%)
- Green (61%)
- Blue (41%)



- Red (63%)
- Yellow (74%)
- Blue (41%)



- Cyan (0%)
- Magenta (18%)
- Yellow (45%)
- Black (26%)




- Cyan (26%)
- Magenta (39%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the RYB color 161, 189, 104 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 161, 189, 104 by changing the saturation by 10% instead.

 161, 189, 104


255, 255, 255


 221, 247, 156

 207, 255, 183

 211, 255, 211

 239, 255, 239

 161, 189, 104

 131, 161, 79

 105, 134, 56

 76, 107, 33

 46, 81, 10


 33, 57, 0


 32, 28, 0

 0, 0, 0

 161, 189, 104

 155, 189, 85

 161, 189, 104

 169, 189, 123

■ 147, 189, 66

■ 174, 189, 142

■ 142, 189, 47

■ 179, 189, 161

■ 134, 189, 28

■ 187, 189, 180

■ 129, 189, 9

■ 189, 192, 199

■ 127, 189, 0

■ 189, 197, 217

■ 189, 203, 236

■ 189, 208, 255

■ 189, 211, 255

Harmonies

Analogous

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



209, 156, 118



161, 189, 104



105, 164, 108

Triad

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



161, 189, 104



64, 120, 178



186, 146, 198

Complementary

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



161, 189, 104



104, 128, 189

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.



149, 155, 214



161, 189, 104



66, 126, 203

Square

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



161, 189, 104



94, 142, 175



105, 144, 216



210, 139, 172

Rectangle

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



161, 189, 104



115, 169, 145



105, 144, 216



175, 150, 205

Sweetspot

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



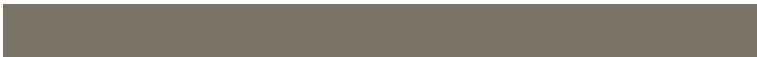
161, 189, 104



235, 245, 213



189, 104, 139



114, 122, 103



250, 250, 250



122, 122, 122

Same Dimension

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



161, 189, 104



202, 245, 113



104, 189, 111



90, 94, 85



105, 158, 0



22, 31, 0

Inverse Universe

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



104, 128, 189



113, 151, 245



111, 104, 189



85, 88, 94



0, 45, 158



0, 9, 31

Previews

White Background



This preview shows how the RYB color 161, 189, 104 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 161, 189, 104 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

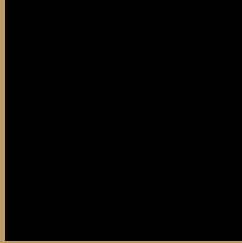
Any Text WCAG AA ✓ Pass

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 161, 189, 104 Background



This preview shows how black text looks on a background with the RYB color 161, 189, 104.



This preview shows how white text looks on a background with the RYB color 161, 189, 104.

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
161, 189, 104

Protanopia
124, 174, 106

Deuteranopia
177, 193, 104



Tritanopia
194, 148, 159

Trichromacy



Original Color
161, 189, 104

Protanomaly
134, 179, 105

Deuteranomaly
171, 192, 104

Tritanomaly
192, 155, 139

Monochromacy



Original Color
161, 189, 104

Achromatopsia
159, 159, 159

Achromatomaly
159, 170, 139

CSS Examples

Text

The CSS property to change the color of the text to RYB 161, 189, 104 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(189, 155, 104)` looks like.

```
.text, #text, p{  
    color:rgb(189, 155, 104)  
}
```

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(189, 155, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 155, 104) }
```

Border

The CSS property to change the border of an element to RYB 161, 189, 104 is called "border". The border property can be set on classes, ids or directly on the HTML element.

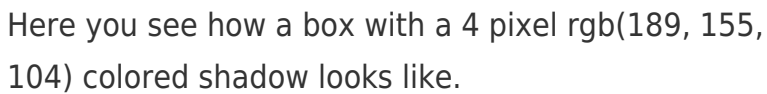
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(189, 155, 104) }
```

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

```
.border{ border-color:rgb(189, 155, 104) }
```

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



Here you see how a box with a 4 pixel `rgb(189, 155, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 155, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 155, 104);  
box-shadow:4px 4px 4px 4px rgb(189, 155,  
104) }
```

Background

The CSS property to change the background color of an element to RYB 161, 189, 104 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 155, 104) }
```

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

```
.background{ background-color: rgb(189,  
155, 104) }
```

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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