

Converting Colors

`RYB(181, 165, 160)`

Have a look what the booklet for
RYB(181, 165, 160) contains.

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Color

R_YB(181, 165, 160)

Conversions

Conversions Part 1

Format	Color
Hex	B5A4A0
RGB	181, 164, 160
RGB Percent	71%, 64%, 63%
CMY	0.2902, 0.3567, 0.3725
CMYK	0.00, 0.09, 0.12, 0.29
HSL	12°, 12%, 67%
HSV	12°, 12%, 71%
XYZ	38.6836, 38.9265, 38.7324
YIQ	168.6270, 11.4160, 2.3600

Conversions

Conversions Part 2

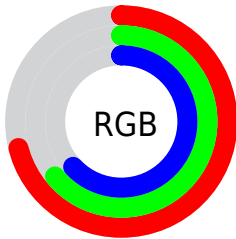
Format	Color
RYB	181, 165, 160
Decimal	11904160
CIELab	68.70, 5.46, 4.32
CIELCh	69, 6.963, 38.354
Yxy	38.9265, 0.3325, 0.3346
Android (android.graphics.Color)	4290094240 (0xFFB5A4A0)
YUV	168.6270, -4.2531, 10.8511
Hunter-Lab	62.3911, 1.4886, 6.8665

Details

The RYB color **181, 165, 160** is a light color, and the websafe version is hex **999999**. A complement of this color would be **160, 169, 181**, and the grayscale version is **169, 169, 169**.

A 20% lighter version of the original color is **237, 220, 215**, and **128, 113, 109** is the 20% darker color. If you saturate the color by 10%, you get **181, 151, 142**, and if you desaturate by 10%, it is **181, 180, 178**.

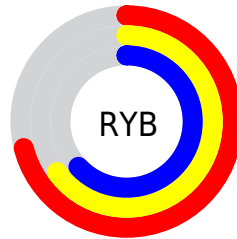
Distribution



Red (71%)

Green (64%)

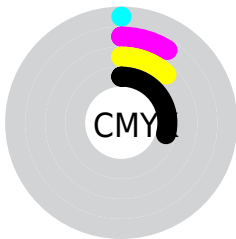
Blue (63%)



Red (71%)

Yellow (65%)

Blue (63%)

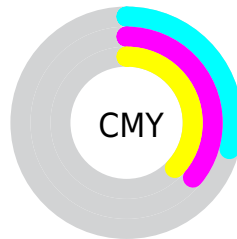


Cyan (0%)

Magenta (9%)

Yellow (12%)

Black (29%)



Cyan (29%)

Magenta (36%)

Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the RYB color 181, 165, 160 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 181, 165, 160 by changing the saturation by 10% instead.


 181, 165, 160

 181, 165, 160

255, 255, 255

 154, 139, 134

 237, 220, 215

 128, 113, 109

 255, 249, 243

 103, 89, 84

 79, 66, 61

 56, 44, 39

 34, 23, 19


 0, 0, 0


 181, 165, 160


 181, 165, 160


 181, 151, 142


 181, 180, 178

 181, 138, 124


 181, 188, 196

 181, 123, 106


 181, 196, 214


 181, 110, 88


 181, 204, 232


 181, 96, 70


 181, 212, 251


 181, 82, 51

 181, 217, 255

 181, 69, 33

 181, 218, 255

 181, 55, 15

 181, 43, 0

Harmonies

Analogous

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



181, 163, 166



181, 165, 160



177, 175, 156

Triad

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



181, 165, 160



157, 167, 171



163, 166, 180

Complementary

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



181, 165, 160



160, 169, 181

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.



156, 164, 179



181, 165, 160



153, 163, 171

Square

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



181, 165, 160



158, 170, 164



153, 163, 175



171, 165, 177

Rectangle

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



181, 165, 160



164, 173, 155



153, 163, 175



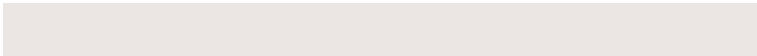
161, 166, 180

Sweetspot

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



181, 165, 160



235, 229, 228



181, 160, 177



117, 114, 113



245, 245, 245



117, 117, 117

Same Dimension

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



181, 165, 160



235, 209, 202



171, 181, 160



89, 83, 80



153, 36, 0



26, 6, 0

Inverse Universe

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



160, 169, 181



202, 217, 235



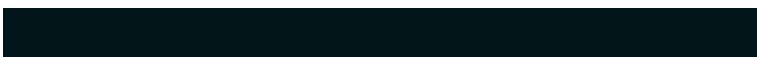
160, 165, 181



80, 84, 89



0, 68, 153



0, 12, 26

Previews

White Background



This preview shows how the RYB color 181, 165, 160 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 181, 165, 160 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

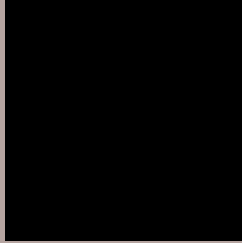
Any Text WCAG AA ✓ Pass

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 181, 165, 160 Background



This preview shows how black text looks on a background with the RYB color 181, 165, 160.



This preview shows how white text looks on a background with the RYB color 181, 165, 160.

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
181, 165, 160

Protanopia
172, 172, 162

Deuteranopia
187, 162, 160



Tritanopia
183, 162, 175

Trichromacy



Original Color

181, 165, 160

Protanomaly

175, 169, 161

Deuteranomaly

185, 163, 160

Tritanomaly

182, 163, 170

Monochromacy



Original Color

181, 165, 160

Achromatopsia

169, 169, 169

Achromatomaly

173, 167, 166

CSS Examples

Text

The CSS property to change the color of the text to RYB 181, 165, 160 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(181, 164, 160)` looks like.

```
.text, #text, p{  
    color:rgb(181, 164, 160)  
}
```

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(181, 164, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 164, 160) }
```

Border

The CSS property to change the border of an element to RYB 181, 165, 160 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(181, 164, 160) }
```

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

```
.border{ border-color:rgb(181, 164, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 164, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 164, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 164, 160);  
box-shadow:4px 4px 4px 4px rgb(181, 164,  
160) }
```

Background

The CSS property to change the background color of an element to RYB 181, 165, 160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 164, 160) }
```

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

```
.background{ background-color: rgb(181,  
164, 160) }
```

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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