

Converting Colors

`RYB(181, 165, 154)`

Have a look what the booklet for
RYB(181, 165, 154) contains.

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Color

R_YB(181, 165, 154)

Conversions

Conversions Part 1

Format	Color
Hex	B5A29A
RGB	181, 162, 154
RGB Percent	71%, 64%, 60%
CMY	0.2902, 0.3654, 0.3961
CMYK	0.00, 0.11, 0.15, 0.29
HSL	17°, 15%, 66%
HSV	17°, 15%, 71%
XYZ	37.7767, 37.9327, 35.9025
YIQ	166.7690, 13.8920, 1.5400

Conversions

Conversions Part 2

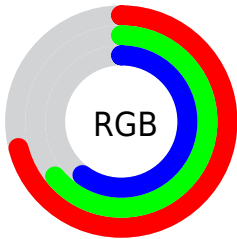
Format	Color
RYB	181, 165, 154
Decimal	11903642
CIELab	67.97, 5.68, 6.61
CIElCh	68, 8.709, 49.332
Yxy	37.9327, 0.3385, 0.3399
Android (android.graphics.Color)	4290093722 (0xFFB5A29A)
YUV	166.7690, -6.2951, 12.4806
Hunter-Lab	61.5895, 1.7036, 8.5506

Details

The RYB color **181, 165, 154** is a light color, and the websafe version is hex **999999**. A complement of this color would be **154, 165, 181**, and the grayscale version is **167, 167, 167**.

A 20% lighter version of the original color is **237, 221, 208**, and **128, 113, 103** is the 20% darker color. If you saturate the color by 10%, you get **181, 154, 136**, and if you desaturate by 10%, it is **181, 177, 172**.

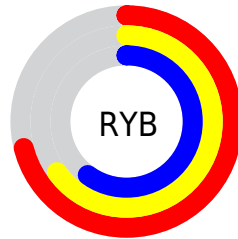
Distribution



Red (71%)

Green (64%)

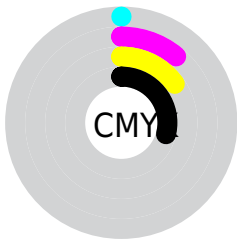
Blue (60%)



Red (71%)

Yellow (65%)

Blue (60%)

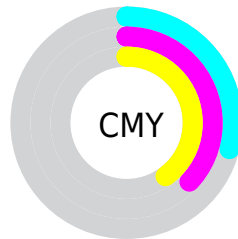


Cyan (0%)

Magenta (11%)

Yellow (15%)

Black (29%)



Cyan (29%)


Magenta (37%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the RYB color 181, 165, 154 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, 154 by changing the saturation by 10% instead.


 181, 165, 154

255, 255, 255

 237, 221, 208

 255, 251, 237

 181, 165, 154

 154, 140, 128

 128, 113, 103

 103, 89, 79

 78, 66, 56


 55, 44, 35


 34, 24, 13


 0, 0, 0


 181, 165, 154


 181, 154, 136


 181, 165, 154


 181, 177, 172

 181, 143, 118


 181, 185, 190

 181, 132, 100


 181, 192, 208

 181, 121, 82

 181, 200, 226

 181, 113, 63

 181, 207, 244


 181, 102, 45


 181, 214, 255

 181, 91, 27

 181, 217, 255

 181, 79, 9

 181, 218, 255

 181, 73, 0

Harmonies

Analogous

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



183, 161, 161



181, 165, 154



170, 175, 150

Triad

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



181, 165, 154



150, 163, 170



164, 165, 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, 154



154, 165, 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.



154, 163, 181



181, 165, 154



146, 158, 170

Square

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



181, 165, 154



155, 169, 166



148, 160, 177



173, 162, 176

Rectangle

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



181, 165, 154



155, 170, 150



148, 160, 177



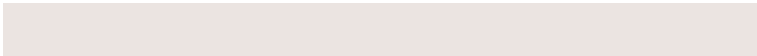
161, 164, 181

Sweetspot

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



181, 165, 154



235, 229, 225



181, 154, 173



117, 114, 111



245, 245, 245



117, 117, 117

Same Dimension

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



181, 165, 154



235, 211, 192



162, 181, 154



89, 85, 80



153, 62, 0



26, 10, 0

Inverse Universe

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



154, 165, 181



192, 210, 235



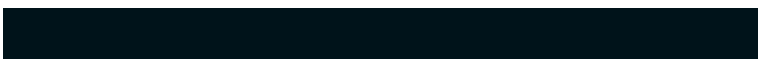
154, 159, 181



80, 84, 89



0, 64, 153



0, 11, 26

Previews

White Background



This preview shows how the RYB color 181, 165, 154 looks on a white background.

Color Contrast Check

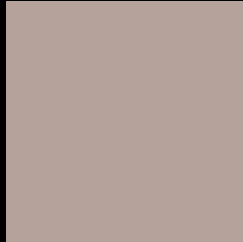
Large Text (above 18pt) WCAG AA × Fail

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, 154 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

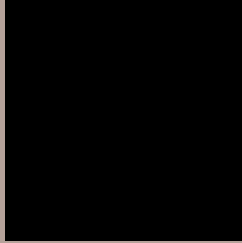
Any Text WCAG AA ✓ Pass

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, 154 Background



This preview shows how black text looks on a background with the RYB color 181, 165, 154.



This preview shows how white text looks on a background with the RYB color 181, 165, 154.

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, 154

Protanopia
166, 171, 156

Deuteranopia
186, 161, 154



Tritanopia
183, 159, 172

Trichromacy



Original Color

181, 165, 154

Protanomaly

175, 171, 155

Deuteranomaly

184, 163, 154

Tritanomaly

182, 160, 165

Monochromacy



Original Color

181, 165, 154

Achromatopsia

167, 167, 167

Achromatomaly

172, 166, 162

CSS Examples

Text

The CSS property to change the color of the text to RYB 181, 165, 154 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, 162, 154) looks like.

```
.text, #text, p{  
    color:rgb(181, 162, 154)  
}
```

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, 162, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 162, 154) }
```

Border

The CSS property to change the border of an element to RYB 181, 165, 154 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, 162, 154) }
```

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

```
.border{ border-color:rgb(181, 162, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 162, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 162, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 162, 154);  
box-shadow:4px 4px 4px 4px rgb(181, 162,  
154) }
```

Background

The CSS property to change the background color of an element to RYB 181, 165, 154 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 162, 154) }
```

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

```
.background{ background-color: rgb(181,  
162, 154) }
```

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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