

Converting Colors

`RYB(180, 155, 154)`

Have a look what the booklet for
RYB(180, 155, 154) contains.

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Color

R_YB(180, 155, 154)

Conversions

Conversions Part 1

Format	Color
Hex	B49B9A
RGB	180, 155, 154
RGB Percent	71%, 61%, 60%
CMY	0.2941, 0.3923, 0.3961
CMYK	0.00, 0.14, 0.14, 0.29
HSL	2°, 15%, 65%
HSV	2°, 14%, 71%
XYZ	36.3703, 35.4668, 35.5007
YIQ	162.3610, 15.2210, 4.9890

Conversions

Conversions Part 2

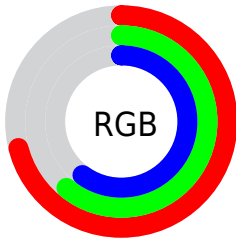
Format	Color
RYB	180, 155, 154
Decimal	11836314
CIELab	66.11, 9.08, 3.92
CIElCh	66, 9.884, 23.339
Yxy	35.4668, 0.3388, 0.3304
Android (android.graphics.Color)	4290026394 (0xFFB49B9A)
YUV	162.3610, -4.1220, 15.4694
Hunter-Lab	59.5540, 4.7926, 6.3444

Details

The RYB color **180, 155, 154** is a light color, and the websafe version is hex **999999**. A complement of this color would be **154, 167, 180**, and the grayscale version is **162, 162, 162**.

A 20% lighter version of the original color is **236, 209, 208**, and **127, 104, 103** is the 20% darker color. If you saturate the color by 10%, you get **180, 138, 136**, and if you desaturate by 10%, it is **180, 172, 172**.

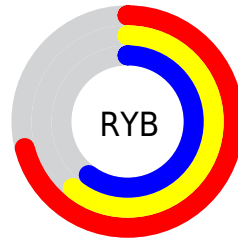
Distribution



Red (71%)

Green (61%)

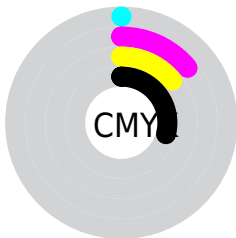
Blue (60%)



Red (71%)

Yellow (61%)

Blue (60%)

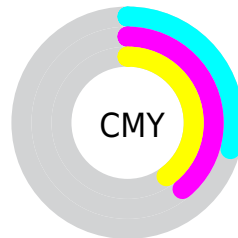


Cyan (0%)

Magenta (14%)

Yellow (14%)

Black (29%)



Cyan (29%)


Magenta (39%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the RYB color 180, 155, 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 180, 155, 154 by changing the saturation by 10% instead.

 180, 155, 154

255, 255, 255

 236, 209, 208

 255, 238, 237

 180, 155, 154


 153, 129, 128

 127, 104, 103

 102, 80, 79

 77, 57, 56


 54, 35, 35

 33, 14, 13

 0, 0, 0

 180, 155, 154

 180, 138, 136

 180, 155, 154

 180, 172, 172

■ 180, 120, 118

■ 180, 185, 190

■ 180, 103, 100

■ 180, 194, 208

■ 180, 86, 82

■ 180, 202, 226

■ 180, 68, 64

■ 180, 211, 244

■ 180, 51, 46

■ 180, 218, 255

■ 180, 34, 28

■ 180, 16, 10

■ 180, 7, 0

Harmonies

Analogous

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



178, 155, 163



180, 155, 154



177, 162, 147

Triad

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



180, 155, 154



150, 165, 165



149, 158, 178

Complementary

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



180, 155, 154



154, 167, 180

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.



141, 155, 175



180, 155, 154



142, 156, 166

Square

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



180, 155, 154



144, 162, 146



139, 153, 167



160, 159, 177

Rectangle

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



180, 155, 154



173, 171, 144



139, 153, 167



146, 157, 177

Sweetspot

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



180, 155, 154



235, 226, 225



180, 154, 179



117, 112, 111



245, 245, 245



117, 117, 117

Same Dimension

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



180, 155, 154



235, 196, 195



176, 180, 154



89, 81, 80



153, 6, 0



26, 1, 0

Inverse Universe

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



154, 167, 180



195, 214, 235



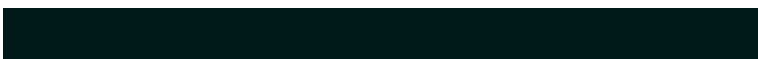
154, 162, 180



80, 85, 89



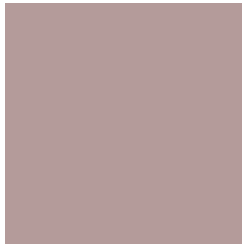
0, 75, 153



0, 13, 26

Previews

White Background



This preview shows how the RYB color 180, 155, 154 looks on a white background.

Color Contrast Check

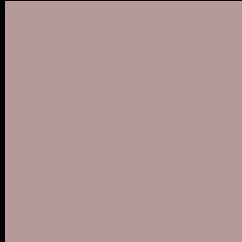
Large Text (above 18pt) WCAG AA × Fail

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 180, 155, 154 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

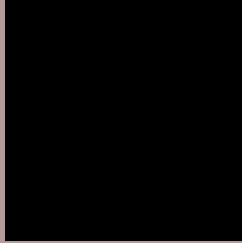
Any Text WCAG AA ✓ Pass

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 180, 155, 154 Background



This preview shows how black text looks on a background with the RYB color 180, 155, 154.



This preview shows how white text looks on a background with the RYB color 180, 155, 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
180, 155, 154

Protanopia
165, 162, 157

Deuteranopia
179, 155, 154



Tritanopia
181, 153, 165

Trichromacy



Original Color

180, 155, 154

Protanomaly

170, 158, 156

Deuteranomaly

179, 155, 154

Tritanomaly

181, 154, 161

Monochromacy



Original Color

180, 155, 154

Achromatopsia

162, 162, 162

Achromatomaly

169, 159, 159

CSS Examples

Text

The CSS property to change the color of the text to RYB 180, 155, 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(180, 155, 154) looks like.

```
.text, #text, p{  
    color:rgb(180, 155, 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(180, 155, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 155, 154) }
```

Border

The CSS property to change the border of an element to RYB 180, 155, 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(180, 155, 154) }
```

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

```
.border{ border-color:rgb(180, 155, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 155, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 155, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 155, 154);  
box-shadow:4px 4px 4px 4px rgb(180, 155,  
154) }
```

Background

The CSS property to change the background color of an element to RYB 180, 155, 154 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 155, 154) }
```

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

```
.background{ background-color: rgb(180,  
155, 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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