Converting Colors

RYB(175, 165, 154)

Have a look what the booklet for RYB(175, 165, 154) contains.

Color

RYB(175, 165, 154)

Conversions

Format	Color
Hex	AFA19A
RGB	175, 161, 154
RGB Percent	69%, 63%, 60%
CMY	0.3137, 0.3678, 0.3961
CMYK	0.00, 0.08, 0.12, 0.31
HSL	21°, 12%, 65%
HSV	21°, 12%, 69%
XYZ	36.2951, 37.0133, 35.8032
YIQ	164.3880, 10.5910, 0.7910

Conversions Part 1

Conversions

Conversions Part 2

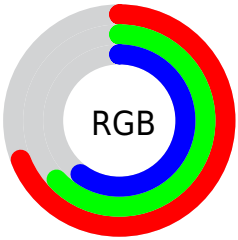
Format	Color
RYB	175, 165, 154
Decimal	11510170
CIELab	67.29, 3.75, 5.55
CIELCh	67, 6.704, 55.951
Yxy	37.0133, 0.3326, 0.3392
Android (android.graphics.Color)	4289700250 (0xFFAFA19A)
YUV	164.3880, -5.1213, 9.3067
Hunter-Lab	60.8386, 0.0220, 7.6951

Details

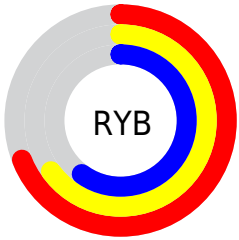
The RYB color 175, 165, 154 is a light color, and the websafe version is hex 999999. A complement of this color would be 154, 162, 175, and the grayscale version is 165, 165, 165.

A 20% lighter version of the original color is 231, 220, 208, and 122, 114, 103 is the 20% darker color. If you saturate the color by 10%, you get 175, 157, 137, and if you desaturate by 10%, it is 175, 175, 171.

Distribution

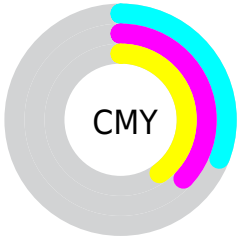


- Red (69%)
- Green (63%)
- Blue (60%)



- Red (69%)
- Yellow (65%)
- Blue (60%)

- Cyan (0%)
- Magenta (8%)
- Yellow (12%)
- Black (31%)



- Cyan (31%)
- Magenta (37%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the RYB color 175, 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 175, 165, 154 by changing the saturation by 10% instead.

175, 165, 154

255, 255, 255

231, 220, 208

255, 248, 237

175, 165, 154

148, 139, 128

122, 114, 103

97, 88, 79

74, 65, 56

51, 42, 35

30, 25, 13

0, 0, 0

175, 165, 154

175, 157, 137

175, 165, 154

175, 175, 171

175, 148, 119	175, 180, 189
175, 141, 101	175, 188, 207
175, 131, 84	175, 194, 224
175, 124, 66	175, 202, 242
175, 114, 49	175, 208, 255
175, 107, 32	175, 211, 255
175, 98, 14	175, 214, 255
175, 91, 0	175, 215, 255

Harmonies

Analogous

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

177, 160, 159

175, 165, 154

163, 170, 152

Triad

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

175, 165, 154

151, 160, 167

164, 163, 175

Complementary

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

175, 165, 154

154, 162, 175

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.

157, 163, 176

175, 165, 154

149, 158, 169

Square

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

175, 165, 154

156, 166, 167

151, 160, 174

171, 161, 171

Rectangle

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

175, 165, 154

153, 165, 152

151, 160, 174

162, 163, 175

Sweetspot

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

175, 165, 154

227, 223, 218

175, 154, 168

115, 112, 109

242, 242, 242

115, 115, 115

Same Dimension

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

175, 165, 154

227, 212, 195

159, 175, 154

87, 83, 78

150, 80, 0

23, 12, 0

Inverse Universe

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

154, 162, 175

195, 208, 227

154, 157, 175

78, 82, 87

0, 60, 150

0, 9, 23

Previews

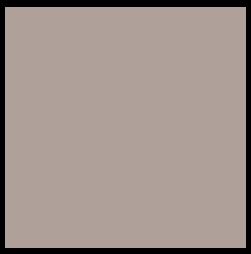
White Background

This preview shows how the RYB color 175, 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



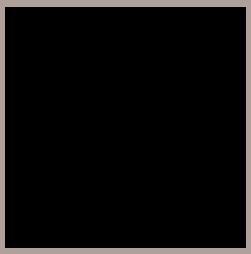
This preview shows how the RYB color 175, 165, 154 looks on a black background.

Color Contrast Check

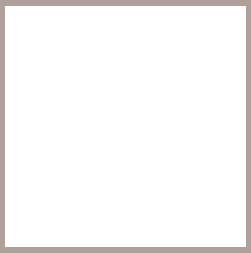
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the Color Contrast Checker.

RYB 175, 165, 154 Background



This preview shows how black text looks on a background with the RYB color 175, 165, 154.



This preview shows how white text looks on a background with the RYB color 175, 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

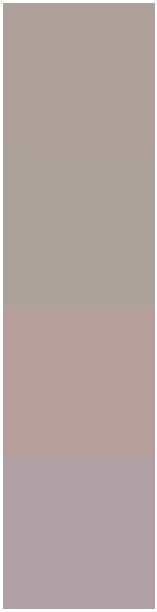
Original Color
175, 165, 154

Protanopia
166, 169, 155

Deuteranopia
183, 158, 155

Tritanopia
177, 159, 171

Trichromacy



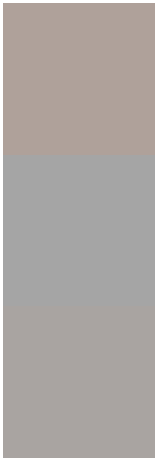
Original Color
175, 165, 154

Protanomaly
171, 167, 155

Deuteranomaly
180, 160, 155

Tritanomaly
176, 160, 165

Monochromacy



Original Color
175, 165, 154

Achromatopsia
165, 165, 165

Achromatomaly
169, 166, 161

CSS Examples

Text

The CSS property to change the color of the text to RYB 175, 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(175, 161, 154) looks like.

```
.text, #text, p{
    color:rgb(175, 161, 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(175, 161, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 161, 154) }
```

Border

The CSS property to change the border of an element to RYB 175, 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(175, 161, 154) }
```

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

```
.border{ border-color:rgb(175, 161, 154) }
```

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

Here you see how a box with a 4 pixel rgb(175, 161, 154) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(175, 161, 154); -webkit-box-shadow:4px 4px 4px 4px rgb(175, 161, 154); box-shadow:4px 4px 4px 4px rgb(175, 161, 154) }
```

Background

The CSS property to change the background color of an element to RYB 175, 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(175, 161, 154) }
```

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

```
.background{ background-color:rgb(175,
161, 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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