

Converting Colors

`RYB(174, 156, 145)`

Have a look what the booklet for
RYB(174, 156, 145) contains.

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Color

R_YB(174, 156, 145)

Conversions

Conversions Part 1

Format	Color
Hex	AE9991
RGB	174, 153, 145
RGB Percent	68%, 60%, 57%
CMY	0.3176, 0.4001, 0.4314
CMYK	0.00, 0.12, 0.17, 0.32
HSL	16°, 15%, 63%
HSV	16°, 17%, 68%
XYZ	33.9535, 33.8173, 31.5259
YIQ	158.3670, 15.0840, 1.9640

Conversions

Conversions Part 2

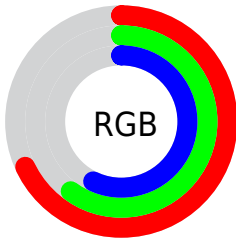
Format	Color
RYB	174, 156, 145
Decimal	11442577
CIELab	64.82, 6.42, 7.03
CIELCh	65, 9.522, 47.572
Yxy	33.8173, 0.3419, 0.3406
Android (android.graphics.Color)	4289632657 (0xFFAE9991)
YUV	158.3670, -6.5899, 13.7101
Hunter-Lab	58.1526, 2.4536, 8.5643

Details

The RYB color **174, 156, 145** is a light color, and the websafe version is hex **999999**. A complement of this color would be **145, 157, 174**, and the grayscale version is **158, 158, 158**.

A 20% lighter version of the original color is **230, 210, 199**, and **121, 105, 95** is the 20% darker color. If you saturate the color by 10%, you get **174, 144, 128**, and if you desaturate by 10%, it is **174, 168, 162**.

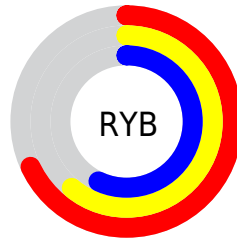
Distribution



Red (68%)

Green (60%)

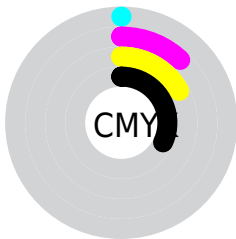
Blue (57%)



Red (68%)

Yellow (61%)

Blue (57%)

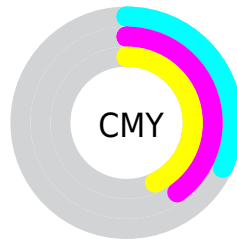


Cyan (0%)

Magenta (12%)

Yellow (17%)

Black (32%)



Cyan (32%)

Magenta (40%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the RYB color 174, 156, 145 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 174, 156, 145 by changing the saturation by 10% instead.

 174, 156, 145


255, 255, 255

 230, 210, 199

 255, 240, 227

 174, 156, 145

 147, 130, 119

 121, 105, 95


 96, 81, 71

 72, 57, 49


 49, 36, 28


 30, 19, 1


 0, 0, 0

 174, 156, 145


 174, 144, 128


 174, 156, 145


 174, 168, 162

 174, 135, 110


 174, 176, 180

 174, 123, 93

 174, 184, 197

 174, 114, 75

 174, 191, 215

 174, 102, 58

 174, 198, 232

 174, 90, 41

 174, 206, 249

 174, 81, 23

 174, 211, 255

 174, 69, 6

 174, 214, 255

 174, 66, 0

 174, 215, 255

Harmonies

Analogous

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



176, 152, 152



174, 156, 145



166, 168, 141

Triad

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



174, 156, 145



141, 154, 162



155, 156, 173

Complementary

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



174, 156, 145



145, 157, 174

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.



144, 154, 174



174, 156, 145



136, 149, 162

Square

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



174, 156, 145



146, 161, 158



138, 151, 169



165, 154, 169

Rectangle

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



174, 156, 145



146, 162, 140



138, 151, 169



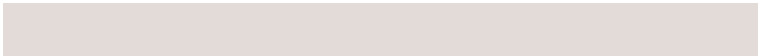
151, 156, 174

Sweetspot

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



174, 156, 145



227, 220, 216



174, 145, 166



115, 111, 108



242, 242, 242



115, 115, 115

Same Dimension

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



174, 156, 145



227, 198, 182



154, 174, 145



87, 81, 78



150, 56, 0



23, 8, 0

Inverse Universe

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



145, 157, 174



182, 201, 227



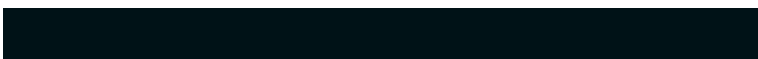
145, 151, 174



78, 82, 87



0, 63, 150



0, 10, 23

Previews

White Background



This preview shows how the RYB color 174, 156, 145 looks on a white background.

Color Contrast Check

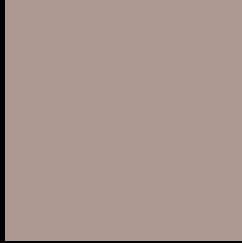
Large Text (above 18pt) WCAG AA × Fail

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 174, 156, 145 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

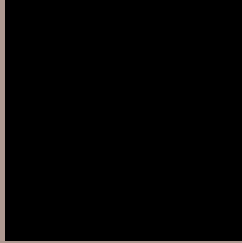
Any Text WCAG AA ✓ Pass

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 174, 156, 145 Background



This preview shows how black text looks on a background with the RYB color 174, 156, 145.



This preview shows how white text looks on a background with the RYB color 174, 156, 145.

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
174, 156, 145

Protanopia
157, 163, 147

Deuteranopia
177, 154, 145



Tritanopia
176, 150, 162

Trichromacy



Original Color

174, 156, 145

Protanomaly

167, 165, 146

Deuteranomaly

176, 154, 145

Tritanomaly

175, 151, 156

Monochromacy



Original Color

174, 156, 145

Achromatopsia

158, 158, 158

Achromatomaly

164, 157, 153

CSS Examples

Text

The CSS property to change the color of the text to RYB 174, 156, 145 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(174, 153, 145)` looks like.

```
.text, #text, p{  
    color:rgb(174, 153, 145)  
}
```

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(174, 153, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 153, 145) }
```

Border

The CSS property to change the border of an element to RYB 174, 156, 145 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(174, 153, 145) }
```

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

```
.border{ border-color:rgb(174, 153, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 153, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 153, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 153, 145);  
box-shadow:4px 4px 4px 4px rgb(174, 153,  
145) }
```

Background

The CSS property to change the background color of an element to RYB 174, 156, 145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 153, 145) }
```

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

```
.background{ background-color: rgb(174,  
153, 145) }
```

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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