

Converting Colors

`RYB(174, 156, 176)`

Have a look what the booklet for
RYB(174, 156, 176) contains.

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Color

R_YB(174, 156, 176)

Conversions

Conversions Part 1

Format	Color
Hex	AE9CB0
RGB	174, 156, 176
RGB Percent	68%, 61%, 69%
CMY	0.3176, 0.3882, 0.3098
CMYK	0.01, 0.11, 0.00, 0.31
HSL	294°, 11%, 65%
HSV	294°, 11%, 69%
XYZ	37.1805, 35.9102, 46.0460
YIQ	163.6620, 4.3080, 10.0360

Conversions

Conversions Part 2

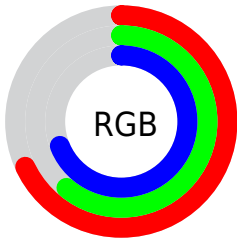
Format	Color
RYB	174, 156, 176
Decimal	11443376
CIELab	66.45, 10.28, -7.96
CIELCh	66, 13.005, 322.242
Yxy	35.9102, 0.3121, 0.3014
Android (android.graphics.Color)	4289633456 (0xFFAE9CB0)
YUV	163.6620, 6.0826, 9.0664
Hunter-Lab	59.9251, 5.8813, -3.6104

Details

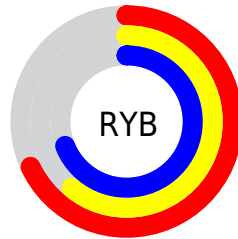
The RYB color **174, 156, 176** is a light color, and the websafe version is hex **999999**. A complement of this color would be **156, 176, 174**, and the grayscale version is **164, 164, 164**.

A 20% lighter version of the original color is **230, 211, 232**, and **122, 105, 124** is the 20% darker color. If you saturate the color by 10%, you get **172, 138, 176**, and if you desaturate by 10%, it is **176, 174, 176**.

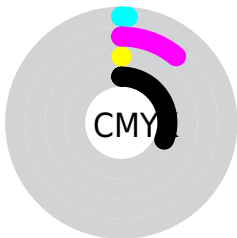
Distribution



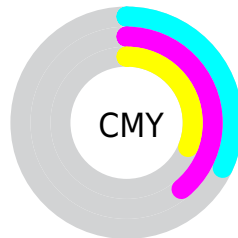
- Red (68%)
- Green (61%)
- Blue (69%)



- Red (68%)
- Yellow (61%)
- Blue (69%)



- Cyan (1%)
- Magenta (11%)
- Yellow (0%)
- Black (31%)




- Cyan (32%)
- Magenta (39%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the RYB color 174, 156, 176 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, 176 by changing the saturation by 10% instead.

 174, 156, 176


255, 255, 255

 230, 211, 232


 255, 239, 255

 174, 156, 176

 147, 130, 149

 122, 105, 124

 97, 81, 99


 73, 58, 75

 50, 36, 52

 29, 15, 31

 0, 0, 4


 0, 0, 0

 174, 156, 176

 174, 156, 176

 172, 138, 176

 176, 174, 176

 170, 121, 176

 176, 191, 189

 169, 103, 176


 176, 209, 206

 167, 86, 176

 176, 226, 221

 165, 68, 176


 176, 244, 237

 163, 50, 176

 176, 255, 246

 162, 33, 176

 176, 255, 245

 160, 15, 176

 176, 255, 243

 158, 0, 176

 176, 255, 241

Harmonies

Analogous

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



160, 160, 183



174, 156, 176



184, 154, 165

Triad

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



174, 156, 176



162, 174, 139



132, 150, 170

Complementary

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



174, 156, 176



156, 176, 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.



137, 155, 168



174, 156, 176



140, 164, 142

Square

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



174, 156, 176



183, 161, 144



147, 167, 166



135, 154, 180

Rectangle

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



174, 156, 176



186, 154, 157



147, 167, 166



133, 152, 169

Sweetspot

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



174, 156, 176



229, 223, 230



156, 158, 176



114, 110, 115



242, 242, 242



115, 115, 115

Same Dimension

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



174, 156, 176



226, 197, 230



176, 156, 168



88, 80, 89



138, 0, 153



23, 0, 26

Inverse Universe

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



176, 156, 158



230, 197, 201



156, 170, 176



89, 80, 81



153, 0, 15



26, 0, 3

Previews

White Background



This preview shows how the RYB color 174, 156, 176 looks on a white background.

Color Contrast Check

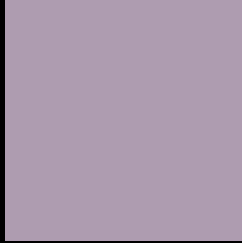
Large Text (above 18pt) WCAG AA × Fail

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, 176 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

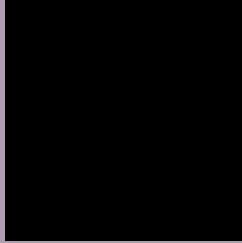
Any Text WCAG AA ✓ Pass

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, 176 Background



This preview shows how black text looks on a background with the RYB color 174, 156, 176.



This preview shows how white text looks on a background with the RYB color 174, 156, 176.

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](#), [176](#)

Protanopia

[159](#), [161](#), [179](#)

Deuteranopia

[171](#), [157](#), [176](#)



Tritanopia
173, 157, 169

Trichromacy



Original Color

174, 156, 176

Protanomaly

164, 159, 178

Deuteranomaly

172, 157, 176

Tritanomaly

173, 157, 172

Monochromacy



Original Color

174, 156, 176

Achromatopsia

164, 164, 164

Achromatomaly

168, 161, 168

CSS Examples

Text

The CSS property to change the color of the text to RYB 174, 156, 176 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, 156, 176) looks like.

```
.text, #text, p{  
    color:rgb(174, 156, 176)  
}
```

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, 156, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 156, 176) }
```

Border

The CSS property to change the border of an element to RYB 174, 156, 176 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, 156, 176) }
```

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

```
.border{ border-color:rgb(174, 156, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 156, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 156, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 156, 176);  
box-shadow:4px 4px 4px 4px rgb(174, 156,  
176) }
```

Background

The CSS property to change the background color of an element to RYB 174, 156, 176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 156, 176) }
```

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

```
.background{ background-color: rgb(174,  
156, 176) }
```

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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