

Converting Colors

`RYB(186, 161, 174)`

Have a look what the booklet for
RYB(186, 161, 174) contains.

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Color

R_YB(186, 161, 174)

Conversions

Conversions Part 1

Format	Color
Hex	BAA1AE
RGB	186, 161, 174
RGB Percent	73%, 63%, 68%
CMY	0.2706, 0.3686, 0.3176
CMYK	0.00, 0.13, 0.06, 0.27
HSL	329°, 15%, 68%
HSV	329°, 13%, 73%
XYZ	40.6346, 38.9848, 45.4276
YIQ	169.9570, 10.7270, 9.3430

Conversions

Conversions Part 2

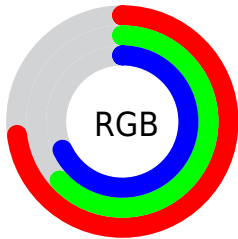
Format	Color
RYB	186, 161, 174
Decimal	12231086
CIELab	68.74, 11.41, -3.34
CIElCh	69, 11.885, 343.670
Yxy	38.9848, 0.3250, 0.3118
Android (android.graphics.Color)	4290421166 (0xFFBAA1AE)
YUV	169.9570, 1.9932, 14.0697
Hunter-Lab	62.4378, 6.9016, 0.5692

Details

The RYB color **186, 161, 174** is a light color, and the websafe version is hex **999999**. A complement of this color would be **161, 178, 186**, and the grayscale version is **170, 170, 170**.

A 20% lighter version of the original color is **242, 216, 229**, and **133, 109, 122** is the 20% darker color. If you saturate the color by 10%, you get **186, 142, 165**, and if you desaturate by 10%, it is **186, 180, 183**.

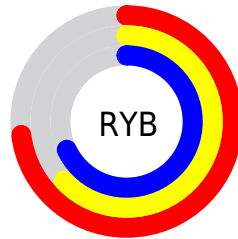
Distribution



Red (73%)

Green (63%)

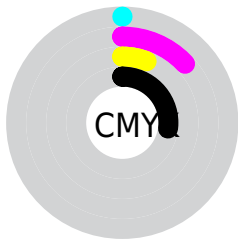
Blue (68%)



Red (73%)

Yellow (63%)

Blue (68%)

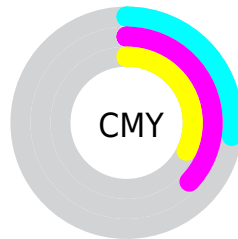


Cyan (0%)

Magenta (13%)

Yellow (6%)

Black (27%)



Cyan (27%)

Magenta (37%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the RYB color 186, 161, 174 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 186, 161, 174 by changing the saturation by 10% instead.

 186, 161, 174

255, 255, 255

 242, 216, 229

 255, 244, 255

 186, 161, 174


 159, 135, 147

 133, 109, 122

 107, 85, 97

 83, 62, 73


 60, 40, 51

 38, 19, 30

 14, 0, 3


 0, 0, 0

 186, 161, 174

 186, 161, 174

 186, 142, 165

 186, 180, 183

 186, 124, 156

 186, 194, 198

 186, 105, 147

 186, 207, 217

 186, 87, 138

 186, 219, 235

 186, 68, 129


 186, 232, 254

 186, 49, 120

 186, 229, 255

 186, 31, 112

 186, 226, 255

 186, 12, 103

 186, 223, 255

 186, 0, 97

 186, 221, 255

Harmonies

Analogous

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



176, 163, 183



186, 161, 174



191, 160, 163

Triad

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



186, 161, 174



149, 171, 147



142, 159, 182

Complementary

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



186, 161, 174



161, 178, 186

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, 158, 174



186, 161, 174



152, 172, 165

Square

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



186, 161, 174



180, 182, 147



148, 165, 174



150, 163, 188

Rectangle

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



186, 161, 174



190, 162, 156



148, 165, 174



141, 159, 179

Sweetspot

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



186, 161, 174



242, 233, 238



173, 161, 186



122, 116, 119



250, 250, 250



122, 122, 122

Same Dimension

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



186, 161, 174



242, 203, 224



186, 161, 162



92, 83, 87



156, 0, 81



28, 0, 15

Inverse Universe

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



186, 161, 174



242, 203, 224



161, 174, 186



92, 83, 87



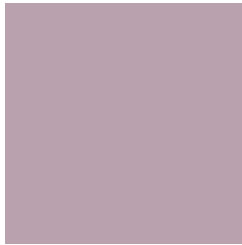
156, 0, 81



28, 0, 15

Previews

White Background



This preview shows how the RYB color 186, 161, 174 looks on a white background.

Color Contrast Check

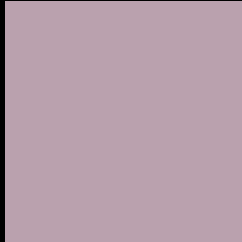
Large Text (above 18pt) WCAG AA × Fail

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 186, 161, 174 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

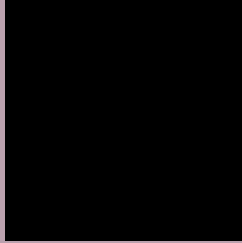
Any Text WCAG AA ✓ Pass

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 186, 161, 174 Background



This preview shows how black text looks on a background with the RYB color 186, 161, 174.



This preview shows how white text looks on a background with the RYB color 186, 161, 174.

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


186, 161, 174

Protanopia

168, 167, 177

Deuteranopia

181, 163, 174



Tritanopia
186, 161, 174

Trichromacy



Original Color
186, 161, 174

Protanomaly
175, 165, 176

Deuteranomaly
183, 162, 174

Tritanomaly
186, 161, 174

Monochromacy



Original Color
186, 161, 174

Achromatopsia
170, 170, 170

Achromatomaly
176, 167, 171

CSS Examples

Text

The CSS property to change the color of the text to RYB 186, 161, 174 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(186, 161, 174)` looks like.

```
.text, #text, p{  
    color:rgb(186, 161, 174)  
}
```

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(186, 161, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 161, 174) }
```

Border

The CSS property to change the border of an element to RYB 186, 161, 174 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(186, 161, 174) }
```

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

```
.border{ border-color:rgb(186, 161, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 161, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(186, 161, 174); -webkit-box-shadow:4px 4px 4px 4px rgb(186, 161, 174); box-shadow:4px 4px 4px 4px rgb(186, 161, 174) }
```

Background

The CSS property to change the background color of an element to RYB 186, 161, 174 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 161, 174) }
```

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

```
.background{ background-color: rgb(186,  
161, 174) }
```

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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