

Converting Colors

`RYB(171, 146, 156)`

Have a look what the booklet for
RYB(171, 146, 156) contains.

RYB(171, 146, 156)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

$\text{RYB}(171, 146, 156)$

Conversions

Conversions Part 1

Format	Color
Hex	AB929C
RGB	171, 146, 156
RGB Percent	67%, 57%, 61%
CMY	0.3294, 0.4275, 0.3882
CMYK	0.00, 0.15, 0.09, 0.33
HSL	336°, 13%, 62%
HSV	336°, 15%, 67%
XYZ	33.0742, 31.6160, 35.8118
YIQ	154.6150, 11.6900, 8.4100

Conversions

Conversions Part 2

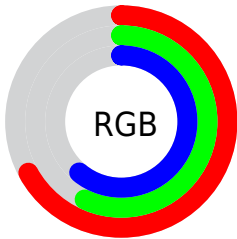
Format	Color
RYB	171, 146, 156
Decimal	11244188
CIELab	63.02, 11.06, -1.81
CIELCh	63, 11.210, 350.727
Yxy	31.6160, 0.3291, 0.3146
Android (android.graphics.Color)	4289434268 (0xFFAB929C)
YUV	154.6150, 0.6828, 14.3696
Hunter-Lab	56.2281, 6.5972, 1.5978

Details

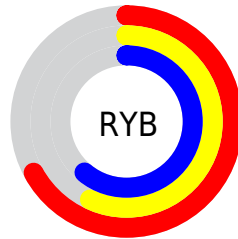
The RYB color **171, 146, 156** is a light color, and the websafe version is hex **999999**. A complement of this color would be **146, 162, 171**, and the grayscale version is **155, 155, 155**.

A 20% lighter version of the original color is **226, 200, 210**, and **119, 95, 105** is the 20% darker color. If you saturate the color by 10%, you get **171, 129, 146**, and if you desaturate by 10%, it is **171, 163, 166**.

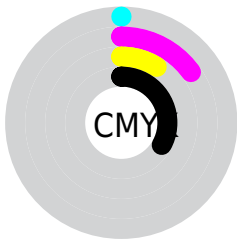
Distribution



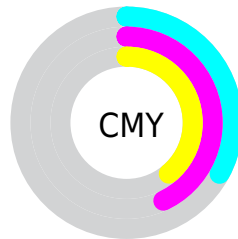
- Red (67%)
- Green (57%)
- Blue (61%)



- Red (67%)
- Yellow (57%)
- Blue (61%)



- Cyan (0%)
- Magenta (15%)
- Yellow (9%)
- Black (33%)




- Cyan (33%)
- Magenta (43%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the RYB color 171, 146, 156 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 171, 146, 156 by changing the saturation by 10% instead.


 171, 146, 156

255, 255, 255

 226, 200, 210


 255, 228, 239

 171, 146, 156

 144, 120, 130

 119, 95, 105


 94, 72, 81

 70, 49, 58


 47, 28, 36


 28, 3, 15


 0, 0, 0


 171, 146, 156


 171, 129, 146


 171, 146, 156


 171, 163, 166


 171, 112, 135


 171, 176, 180

 171, 95, 125


 171, 187, 197


 171, 78, 115

 171, 198, 214


 171, 60, 105

 171, 209, 231


 171, 43, 94

 171, 220, 249

 171, 26, 84

 171, 221, 255

 171, 9, 74

 171, 218, 255

 171, 0, 68

 171, 215, 255

Harmonies

Analogous

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



163, 148, 165



171, 146, 156



174, 146, 146

Triad

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



171, 146, 156



134, 154, 135



130, 146, 168

Complementary

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



171, 146, 156



146, 162, 171

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.



127, 143, 159



171, 146, 156



140, 157, 155

Square

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



171, 146, 156



155, 164, 133



132, 148, 158



138, 149, 172

Rectangle

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



171, 146, 156



173, 149, 140



132, 148, 158



128, 145, 165

Sweetspot

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



171, 146, 156



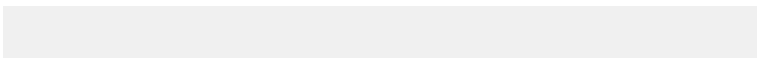
222, 213, 217



161, 146, 171



112, 107, 109



240, 240, 240



112, 112, 112

Same Dimension

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



171, 146, 156



222, 182, 198



171, 148, 146



87, 78, 81



150, 0, 60



23, 0, 9

Inverse Universe

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



171, 146, 156



222, 182, 198



146, 158, 171



87, 78, 81



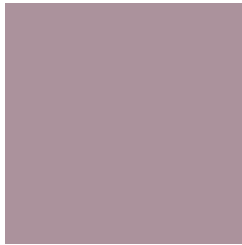
150, 0, 60



23, 0, 9

Previews

White Background



This preview shows how the RYB color 171, 146, 156 looks on a white background.

Color Contrast Check

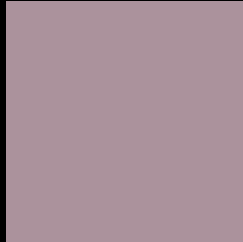
Large Text (above 18pt) WCAG AA × Fail

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 171, 146, 156 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 171, 146, 156 Background



This preview shows how black text looks on a background with the RYB color 171, 146, 156.



This preview shows how white text looks on a background with the RYB color 171, 146, 156.

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
171, 146, 156

Protanopia
153, 152, 159

Deuteranopia
166, 148, 156



Tritanopia
171, 146, 157

Trichromacy



Original Color

171, 146, 156

Protanomaly

160, 150, 158

Deuteranomaly

168, 147, 156

Tritanomaly

171, 146, 157

Monochromacy



Original Color

171, 146, 156

Achromatopsia

155, 155, 155

Achromatomaly

161, 152, 155

CSS Examples

Text

The CSS property to change the color of the text to RYB 171, 146, 156 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(171, 146, 156) looks like.

```
.text, #text, p{  
    color:rgb(171, 146, 156)  
}
```

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(171, 146, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 146, 156) }
```

Border

The CSS property to change the border of an element to RYB 171, 146, 156 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(171, 146, 156) }
```

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

```
.border{ border-color:rgb(171, 146, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 146, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 146, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 146, 156);  
box-shadow:4px 4px 4px 4px rgb(171, 146,  
156) }
```

Background

The CSS property to change the background color of an element to RYB 171, 146, 156 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 146, 156) }
```

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

```
.background{ background-color: rgb(171,  
146, 156) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor