

Converting Colors

`RYB(186, 152, 173)`

Have a look what the booklet for
RYB(186, 152, 173) contains.

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Color

$\text{RYB}(186, 152, 173)$

Conversions

Conversions Part 1

Format	Color
Hex	BA98AD
RGB	186, 152, 173
RGB Percent	73%, 60%, 68%
CMY	0.2706, 0.4039, 0.3216
CMYK	0.00, 0.18, 0.07, 0.27
HSL	323°, 20%, 66%
HSV	323°, 18%, 73%
XYZ	39.0208, 35.9127, 44.4104
YIQ	164.5600, 13.5230, 13.7390

Conversions

Conversions Part 2

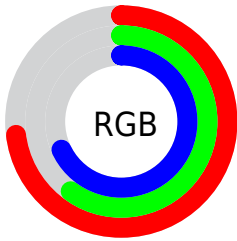
Format	Color
R _{YB}	186, 152, 173
Decimal	12228781
CIE Lab	66.45, 16.21, -6.16
CIE LCh	66, 17.341, 339.189
Yxy	35.9127, 0.3270, 0.3009
Android (android.graphics.Color)	4290418861 (0xFFBA98AD)
YUV	164.5600, 4.1609, 18.8029
Hunter-Lab	59.9272, 11.3551, -1.9891

Details

The RYB color **186, 152, 173** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **152, 177, 186**, and the grayscale version is **165, 165, 165**.

A 20% lighter version of the original color is **242, 206, 228**, and **133, 101, 121** is the 20% darker color. If you saturate the color by 10%, you get **186, 133, 166**, and if you desaturate by 10%, it is **186, 171, 180**.

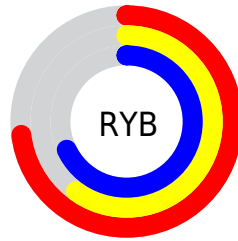
Distribution



Red (73%)

Green (60%)

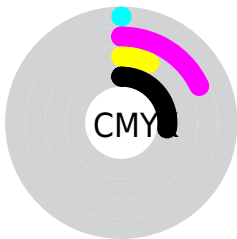
Blue (68%)



Red (73%)

Yellow (60%)

Blue (68%)

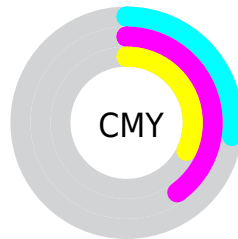


Cyan (0%)

Magenta (18%)

Yellow (7%)

Black (27%)



Cyan (27%)

Magenta (40%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the RYB color 186, 152, 173 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, 152, 173 by changing the saturation by 10% instead.

 186, 152, 173

255, 255, 255

 242, 206, 228

 255, 235, 255

 186, 152, 173

 159, 126, 146

 133, 101, 121

 107, 77, 96

 83, 54, 72

 59, 32, 50

 37, 11, 29

 2, 0, 0


 0, 0, 0

 186, 152, 173

 186, 152, 173

 186, 133, 166


 186, 171, 180

 186, 115, 159


 186, 188, 189

 186, 96, 152

 186, 202, 208

 186, 78, 145


 186, 215, 226

 186, 59, 137

 186, 228, 245

 186, 40, 130

 186, 234, 255

 186, 22, 123

 186, 231, 255

 186, 3, 116

 186, 228, 255

 186, 0, 115

 186, 226, 255

Harmonies

Analogous

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



170, 156, 186



186, 152, 173



194, 151, 157

Triad

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



186, 152, 173



140, 169, 131



121, 148, 181

Complementary

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



186, 152, 173



152, 177, 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.



122, 148, 171



186, 152, 173



137, 167, 153

Square

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



186, 152, 173



184, 178, 133



134, 159, 170



131, 153, 190

Rectangle

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



186, 152, 173



194, 153, 147



134, 159, 170



120, 146, 176

Sweetspot

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



186, 152, 173



242, 230, 238



164, 152, 186



122, 115, 120



250, 250, 250



122, 122, 122

Same Dimension

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



186, 152, 173



242, 189, 222



186, 152, 157



92, 83, 88



156, 0, 96



28, 0, 17

Inverse Universe

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



186, 152, 173



242, 189, 222



152, 170, 186



92, 83, 88



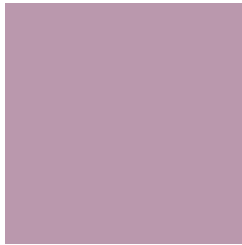
156, 0, 96



28, 0, 17

Previews

White Background



This preview shows how the RYB color 186, 152, 173 looks on a white background.

Color Contrast Check

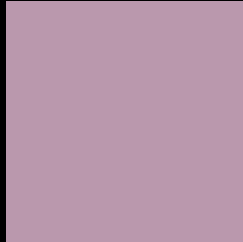
Large Text (above 18pt) WCAG AA × Fail

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, 152, 173 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

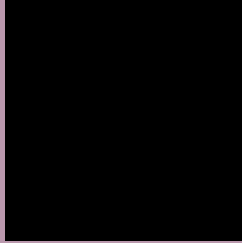
Any Text WCAG AA ✓ Pass

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, 152, 173 Background



This preview shows how black text looks on a background with the RYB color 186, 152, 173.



This preview shows how white text looks on a background with the RYB color 186, 152, 173.

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, 152, 173

Protanopia
160, 161, 178

Deuteranopia
173, 157, 172



Tritanopia
185, 153, 165

Trichromacy



Original Color
186, 152, 173

Protanomaly
169, 158, 176

Deuteranomaly
178, 155, 172

Tritanomaly
185, 153, 168

Monochromacy



Original Color
186, 152, 173

Achromatopsia
165, 165, 165

Achromatomaly
173, 160, 168

CSS Examples

Text

The CSS property to change the color of the text to RYB 186, 152, 173 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, 152, 173) looks like.

```
.text, #text, p{  
    color:rgb(186, 152, 173)  
}
```

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, 152, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 152, 173) }
```

Border

The CSS property to change the border of an element to RYB 186, 152, 173 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, 152, 173) }
```

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

```
.border{ border-color:rgb(186, 152, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 152, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 152, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 152, 173);  
box-shadow:4px 4px 4px 4px rgb(186, 152,  
173) }
```

Background

The CSS property to change the background color of an element to RYB 186, 152, 173 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 152, 173) }
```

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

```
.background{ background-color: rgb(186,  
152, 173) }
```

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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