

Converting Colors

`RYB(219, 187, 174)`

Have a look what the booklet for
RYB(219, 187, 174) contains.

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Color

R_YB(219, 187, 174)

Conversions

Conversions Part 1

Format	Color
Hex	DBB8AE
RGB	219, 184, 174
RGB Percent	86%, 72%, 68%
CMY	0.1412, 0.2781, 0.3176
CMYK	0.00, 0.16, 0.21, 0.14
HSL	13°, 38%, 77%
HSV	13°, 21%, 86%
XYZ	54.0118, 52.4329, 47.3182
YIQ	193.3250, 24.0700, 4.3100

Conversions

Conversions Part 2

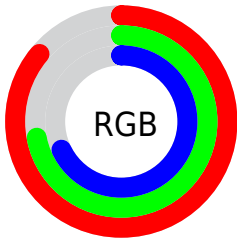
Format	Color
R _Y B	219, 187, 174
Decimal	14399662
CIE Lab	77.54, 10.96, 9.78
CIE LCh	78, 14.692, 41.751
Yxy	52.4329, 0.3513, 0.3410
Android (android.graphics.Color)	4292589742 (0xFFDDBB8AE)
YUV	193.3250, -9.5272, 22.5170
Hunter-Lab	72.4105, 6.4266, 11.9431

Details

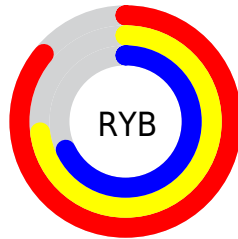
The RYB color **219, 187, 174** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **174, 194, 219**, and the grayscale version is **193, 193, 193**.

A 20% lighter version of the original color is **255, 248, 229**, and **163, 134, 122** is the 20% darker color. If you saturate the color by 10%, you get **219, 171, 152**, and if you desaturate by 10%, it is **219, 202, 196**.

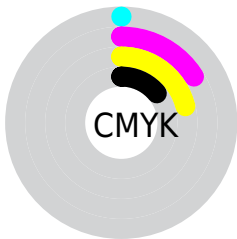
Distribution



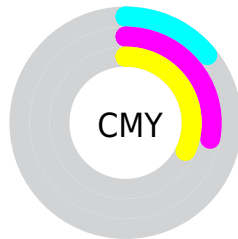
- Red (86%)
- Green (72%)
- Blue (68%)



- Red (86%)
- Yellow (73%)
- Blue (68%)



- Cyan (0%)
- Magenta (16%)
- Yellow (21%)
- Black (14%)




- Cyan (14%)
- Magenta (28%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the RYB color 219, 187, 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 219, 187, 174 by changing the saturation by 10% instead.

 219, 187, 174

255, 255, 255


 255, 248, 229

 219, 187, 174

 191, 160, 147

 163, 134, 122


 137, 109, 97

 111, 85, 73

 86, 61, 51

 62, 40, 29

 40, 22, 4

 1, 0, 0

 0, 0, 0

■ 219, 187, 174

■ 219, 187, 174

■ 219, 171, 152

■ 219, 202, 196

■ 219, 156, 130

■ 219, 218, 218

■ 219, 140, 108

■ 219, 228, 240

■ 219, 125, 86

■ 219, 236, 255

■ 219, 109, 65

■ 219, 237, 255

■ 219, 93, 43

■ 219, 78, 21

■ 219, 63, 0

Harmonies

Analogous

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



220, 182, 187



219, 187, 174



210, 210, 166

Triad

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



219, 187, 174



167, 188, 199



184, 190, 218

Complementary

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



219, 187, 174



174, 194, 219

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.



168, 185, 217



219, 187, 174



158, 180, 200

Square

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



219, 187, 174



171, 196, 186



158, 180, 209



201, 186, 212

Rectangle

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



219, 187, 174



181, 202, 165



158, 180, 209



178, 188, 218

Sweetspot

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



219, 187, 174



255, 244, 240



219, 174, 209



128, 122, 119



0, 0, 0



128, 128, 128

Same Dimension

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



219, 187, 174



255, 211, 191



192, 219, 174



110, 101, 99



173, 50, 0



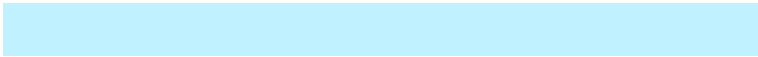
46, 13, 0

Inverse Universe

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



174, 194, 219



191, 219, 255



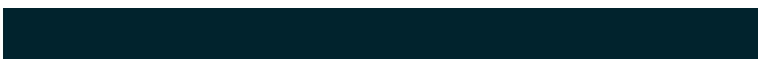
174, 184, 219



99, 104, 110



0, 76, 173



0, 20, 46

Previews

White Background



This preview shows how the RYB color 219, 187, 174 looks on a white background.

Color Contrast Check

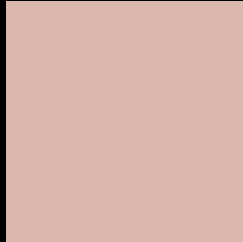
Large Text (above 18pt) WCAG AA × Fail

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 219, 187, 174 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

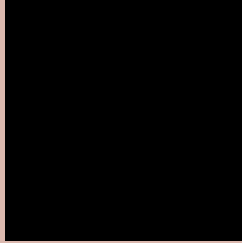
Any Text WCAG AA ✓ Pass

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](#).

R_YB 219, 187, 174 Background



This preview shows how black text looks on a background with the R_YB color 219, 187, 174.



This preview shows how white text looks on a background with the R_YB color 219, 187, 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
219, 187, 174

Protanopia
191, 199, 178

Deuteranopia
217, 189, 174



Tritanopia
222, 181, 195

Trichromacy



Original Color
219, 187, 174

Protanomaly
206, 195, 177

Deuteranomaly
218, 189, 174

Tritanomaly
221, 182, 187

Monochromacy



Original Color
219, 187, 174

Achromatopsia
193, 193, 193

Achromatomaly
202, 191, 186

CSS Examples

Text

The CSS property to change the color of the text to RYB 219, 187, 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(219, 184, 174) looks like.

```
.text, #text, p{  
    color:rgb(219, 184, 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(219, 184, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 184, 174) }
```

Border

The CSS property to change the border of an element to RYB 219, 187, 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(219, 184, 174) }
```

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

```
.border{ border-color:rgb(219, 184, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 184, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 184, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 184, 174);  
box-shadow:4px 4px 4px 4px rgb(219, 184,  
174) }
```

Background

The CSS property to change the background color of an element to RGB 219, 184, 174 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 184, 174) }
```

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

```
.background{ background-color: rgb(219,  
184, 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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