

Converting Colors

`RYB(219, 183, 181)`

Have a look what the booklet for RYB(219, 183, 181) contains.

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Color

R_YB(219, 183, 181)

Conversions

Conversions Part 1

Format	Color
Hex	DBB7B5
RGB	219, 183, 181
RGB Percent	86%, 72%, 71%
CMY	0.1412, 0.2827, 0.2902
CMYK	0.00, 0.16, 0.17, 0.14
HSL	3°, 35%, 78%
HSV	3°, 17%, 86%
XYZ	54.4668, 52.2220, 50.9252
YIQ	193.5360, 22.0980, 7.0100

Conversions

Conversions Part 2

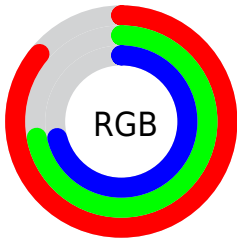
Format	Color
R _Y B	219, 183, 181
Decimal	14399413
CIE Lab	77.41, 12.66, 5.81
CIE LCh	77, 13.932, 24.654
Yxy	52.2220, 0.3456, 0.3313
Android (android.graphics.Color)	4292589493 (0xFFDDBB7B5)
YUV	193.5360, -6.1802, 22.3319
Hunter-Lab	72.2648, 8.0740, 8.8035

Details

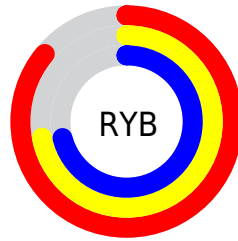
The RYB color **219, 183, 181** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **181, 199, 219**, and the grayscale version is **194, 194, 194**.

A 20% lighter version of the original color is **255, 239, 237**, and **164, 130, 128** is the 20% darker color. If you saturate the color by 10%, you get **219, 162, 159**, and if you desaturate by 10%, it is **219, 204, 203**.

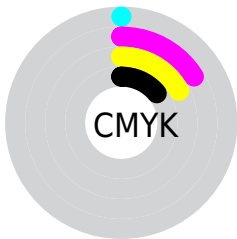
Distribution



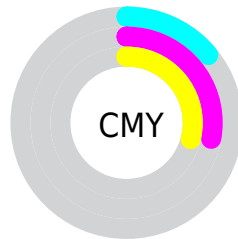
- Red (86%)
- Green (72%)
- Blue (71%)



- Red (86%)
- Yellow (72%)
- Blue (71%)



- Cyan (0%)
- Magenta (16%)
- Yellow (17%)
- Black (14%)



- Cyan (14%)
- Magenta (28%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the RYB color 219, 183, 181 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, 183, 181 by changing the saturation by 10% instead.


 219, 183, 181


255, 255, 255


 255, 239, 237

 219, 183, 181

 191, 156, 154

 164, 130, 128

 137, 105, 103

 111, 80, 79

 86, 57, 56

 62, 36, 35


 40, 15, 13

 4, 0, 0

 0, 0, 0

 219, 183, 181

 219, 183, 181

 219, 162, 159

 219, 204, 203

 219, 141, 137


 219, 222, 225


 219, 120, 115


 219, 232, 247

 219, 100, 93

 219, 237, 255

 219, 79, 72

 219, 58, 50

 219, 37, 28

 219, 16, 6

 219, 12, 0

Harmonies

Analogous

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



216, 183, 194



219, 183, 181



215, 194, 171

Triad

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



219, 183, 181



175, 196, 197



175, 188, 217

Complementary

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



219, 183, 181



181, 199, 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.



162, 183, 212



219, 183, 181



163, 184, 199

Square

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



219, 183, 181



168, 194, 172



158, 179, 201



191, 189, 215

Rectangle

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



219, 183, 181



206, 208, 167



158, 179, 201



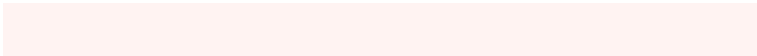
170, 186, 216

Sweetspot

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



219, 183, 181



255, 243, 242



219, 181, 217



128, 120, 120



0, 0, 0



128, 128, 128

Same Dimension

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



219, 183, 181



255, 204, 201



212, 219, 181



110, 99, 99



173, 9, 0



46, 2, 0

Inverse Universe

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



181, 199, 219



201, 227, 255



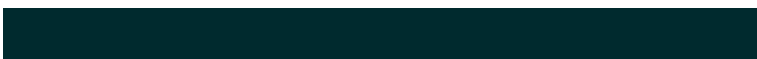
181, 193, 219



99, 104, 110



0, 84, 173



0, 22, 46

Previews

White Background



This preview shows how the RYB color 219, 183, 181 looks on a white background.

Color Contrast Check

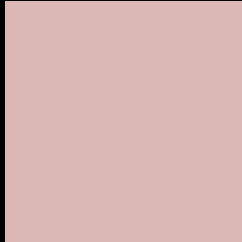
Large Text (above 18pt) WCAG AA × Fail

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, 183, 181 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 219, 183, 181 Background



This preview shows how black text looks on a background with the RYB color 219, 183, 181.



This preview shows how white text looks on a background with the RYB color 219, 183, 181.

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, 183, 181

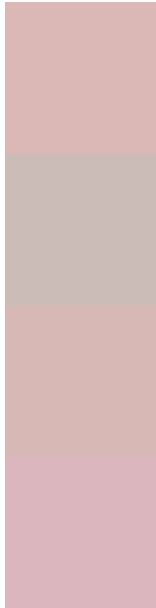
Protanopia
194, 196, 185

Deuteranopia
214, 186, 181



Tritanopia
221, 181, 195

Trichromacy



Original Color

219, 183, 181

Protanomaly

204, 189, 184

Deuteranomaly

216, 184, 181

Tritanomaly

220, 182, 190

Monochromacy



Original Color

219, 183, 181

Achromatopsia

193, 193, 193

Achromatomaly

202, 189, 189

CSS Examples

Text

The CSS property to change the color of the text to RYB 219, 183, 181 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, 183, 181)` looks like.

```
.text, #text, p{  
    color:rgb(219, 183, 181)  
}
```

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, 183, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 183, 181) }
```

Border

The CSS property to change the border of an element to RYB 219, 183, 181 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, 183, 181) }
```

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

```
.border{ border-color:rgb(219, 183, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 183, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 183, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 183, 181);  
box-shadow:4px 4px 4px 4px rgb(219, 183,  
181) }
```

Background

The CSS property to change the background color of an element to RYB 219, 183, 181 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 183, 181) }
```

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

```
.background{ background-color: rgb(219,  
183, 181) }
```

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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