

Converting Colors

`RYB(221, 179, 185)`

Have a look what the booklet for RYB(221, 179, 185) contains.

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Color

R_YB(221, 179, 185)

Conversions

Conversions Part 1

Format	Color
Hex	DDB3B9
RGB	221, 179, 185
RGB Percent	87%, 70%, 73%
CMY	0.1333, 0.2980, 0.2745
CMYK	0.00, 0.19, 0.16, 0.13
HSL	351°, 38%, 78%
HSV	351°, 19%, 87%
XYZ	54.6958, 51.1151, 52.8824
YIQ	192.2420, 23.1060, 10.7700

Conversions

Conversions Part 2

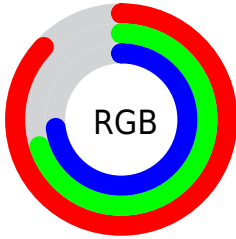
Format	Color
R _Y B	221, 179, 185
Decimal	14529465
CIE Lab	76.75, 16.11, 2.70
CIE LCh	77, 16.333, 9.521
Yxy	51.1151, 0.3447, 0.3221
Android (android.graphics.Color)	4292719545 (0xFFDDB3B9)
YUV	192.2420, -3.5703, 25.2208
Hunter-Lab	71.4948, 11.4422, 6.1916

Details

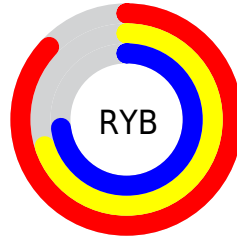
The RYB color **221, 179, 185** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **179, 202, 221**, and the grayscale version is **192, 192, 192**.

A 20% lighter version of the original color is **255, 235, 241**, and **165, 126, 132** is the 20% darker color. If you saturate the color by 10%, you get **221, 157, 166**, and if you desaturate by 10%, it is **221, 201, 204**.

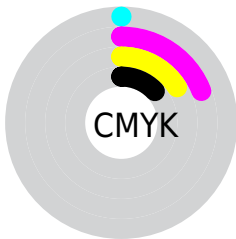
Distribution



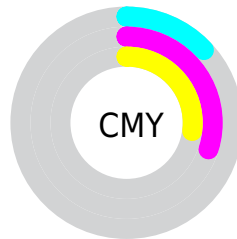
- Red (87%)
- Green (70%)
- Blue (73%)



- Red (87%)
- Yellow (70%)
- Blue (73%)



- Cyan (0%)
- Magenta (19%)
- Yellow (16%)
- Black (13%)




- Cyan (13%)
- Magenta (30%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the RYB color 221, 179, 185 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 221, 179, 185 by changing the saturation by 10% instead.

 221, 179, 185

255, 255, 255

 255, 235, 241


 221, 179, 185

 193, 152, 158


 165, 126, 132

 139, 101, 107

 113, 77, 83


 88, 54, 60


 64, 32, 38


 41, 11, 17


 5, 0, 0


 0, 0, 0

 221, 179, 185


 221, 179, 185

 221, 157, 166


 221, 201, 204


 221, 135, 147


 221, 222, 223


 221, 113, 128


 221, 234, 245

 221, 91, 109

 221, 238, 255

 221, 69, 90

 221, 46, 71

 221, 24, 52

 221, 2, 33

 221, 0, 32

Harmonies

Analogous

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



213, 180, 200



221, 179, 185



220, 184, 171

Triad

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



221, 179, 185



166, 194, 181



161, 182, 217

Complementary

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



221, 179, 185



179, 202, 221

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.



151, 176, 208



221, 179, 185



163, 187, 197

Square

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



221, 179, 185



167, 196, 160



152, 176, 198



179, 187, 219

Rectangle

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



221, 179, 185



215, 194, 164



152, 176, 198



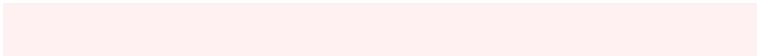
157, 180, 215

Sweetspot

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



221, 179, 185



255, 240, 242



215, 179, 221



128, 119, 120



0, 0, 0



128, 128, 128

Same Dimension

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



221, 179, 185



255, 196, 205



221, 202, 179



110, 99, 100



173, 0, 25



46, 0, 7

Inverse Universe

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



221, 179, 185



255, 196, 205



179, 195, 221



110, 99, 100



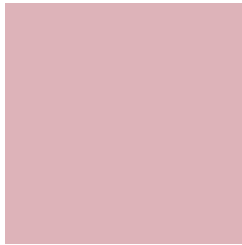
173, 0, 25



46, 0, 7

Previews

White Background



This preview shows how the RYB color 221, 179, 185 looks on a white background.

Color Contrast Check

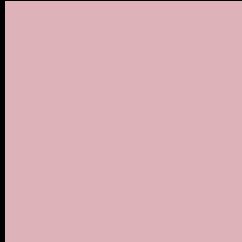
Large Text (above 18pt) WCAG AA × Fail

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 221, 179, 185 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 221, 179, 185 Background



This preview shows how black text looks on a background with the RYB color 221, 179, 185.



This preview shows how white text looks on a background with the RYB color 221, 179, 185.

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
221, 179, 185

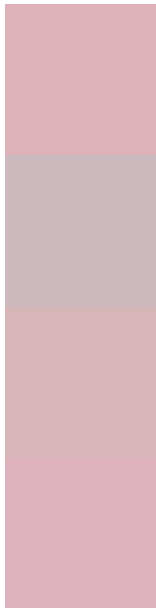
Protanopia
193, 189, 191

Deuteranopia
210, 183, 184



Tritanopia
222, 178, 192

Trichromacy



Original Color

221, 179, 185

Protanomaly

203, 185, 189

Deuteranomaly

214, 182, 184

Tritanomaly

222, 178, 189

Monochromacy



Original Color

221, 179, 185

Achromatopsia

192, 192, 192

Achromatomaly

203, 187, 189

CSS Examples

Text

The CSS property to change the color of the text to RYB 221, 179, 185 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(221, 179, 185)` looks like.

```
.text, #text, p{  
    color:rgb(221, 179, 185)  
}
```

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(221, 179, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 179, 185) }
```

Border

The CSS property to change the border of an element to RYB 221, 179, 185 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(221, 179, 185) }
```

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

```
.border{ border-color:rgb(221, 179, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 179, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 179, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 179, 185);  
box-shadow:4px 4px 4px 4px rgb(221, 179,  
185) }
```

Background

The CSS property to change the background color of an element to RGB 221, 179, 185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 179, 185) }
```

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

```
.background{ background-color: rgb(221,  
179, 185) }
```

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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