

Converting Colors

`RYB(219, 189, 207)`

Have a look what the booklet for
RYB(219, 189, 207) contains.

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Color

R_YB(219, 189, 207)

Conversions

Conversions Part 1

Format	Color
Hex	DBBDCF
RGB	219, 189, 207
RGB Percent	86%, 74%, 81%
CMY	0.1412, 0.2588, 0.1882
CMYK	0.00, 0.14, 0.05, 0.14
HSL	324°, 29%, 80%
HSV	324°, 14%, 86%
XYZ	58.6735, 55.9603, 66.7405
YIQ	200.0220, 12.1020, 11.9580

Conversions

Conversions Part 2

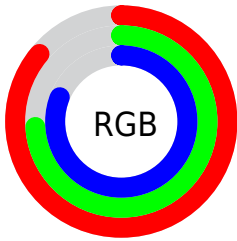
Format	Color
R_{YB}	219, 189, 207
Decimal	14400975
CIE _{Lab}	79.59, 13.70, -5.08
CIE _{LCh}	80, 14.614, 339.660
Yxy	55.9603, 0.3235, 0.3085
Android (android.graphics.Color)	4292591055 (0xFFDBBDCF)
YUV	200.0220, 3.4402, 16.6437
Hunter-Lab	74.8066, 9.0924, -0.5324

Details

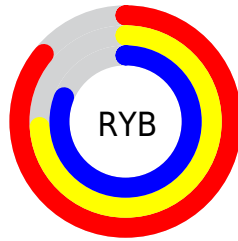
The RYB color **219, 189, 207** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **189, 210, 219**, and the grayscale version is **200, 200, 200**.

A 20% lighter version of the original color is **255, 245, 255**, and **164, 136, 153** is the 20% darker color. If you saturate the color by 10%, you get **219, 167, 198**, and if you desaturate by 10%, it is **219, 211, 216**.

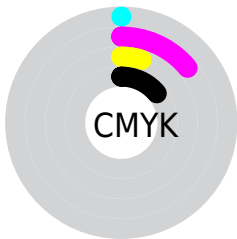
Distribution



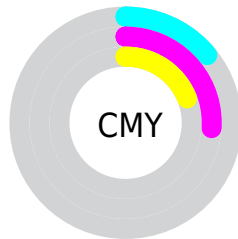
- Red (86%)
- Green (74%)
- Blue (81%)



- Red (86%)
- Yellow (74%)
- Blue (81%)



- Cyan (0%)
- Magenta (14%)
- Yellow (5%)
- Black (14%)



- Cyan (14%)
- Magenta (26%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the RYB color 219, 189, 207 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, 189, 207 by changing the saturation by 10% instead.

 219, 189, 207

255, 255, 255

 255, 245, 255

 219, 189, 207

 191, 162, 179


 164, 136, 153

 137, 110, 127

 112, 86, 102

 87, 62, 78

 64, 40, 55

 41, 20, 34

 22, 0, 11


 0, 0, 0

 219, 189, 207

 219, 189, 207

 219, 167, 198

 219, 211, 216

 219, 145, 189

 219, 229, 233

 219, 123, 181

 219, 245, 255

 219, 101, 172

 219, 241, 255

 219, 80, 163


 219, 238, 255

 219, 58, 154

 219, 237, 255

 219, 36, 146

 219, 14, 137

 219, 0, 131

Harmonies

Analogous

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



205, 192, 218



219, 189, 207



226, 188, 193

Triad

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



219, 189, 207



177, 204, 170



163, 186, 214

Complementary

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



219, 189, 207



189, 210, 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.



164, 186, 205



219, 189, 207



176, 202, 190

Square

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



219, 189, 207



217, 211, 172



173, 194, 204



172, 190, 222

Rectangle

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



219, 189, 207



226, 190, 184



173, 194, 204



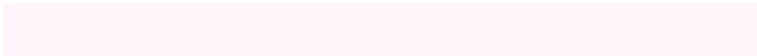
162, 185, 210

Sweetspot

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



219, 189, 207



255, 245, 251



201, 189, 219



128, 121, 125



0, 0, 0



128, 128, 128

Same Dimension

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



219, 189, 207



255, 214, 239



219, 189, 192



110, 99, 105



173, 0, 104



46, 0, 28

Inverse Universe

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



219, 189, 207



255, 214, 239



189, 205, 219



110, 99, 105



173, 0, 104



46, 0, 28

Previews

White Background



This preview shows how the RYB color 219, 189, 207 looks on a white background.

Color Contrast Check

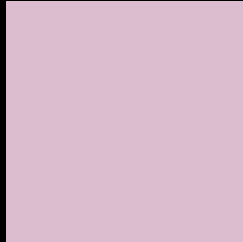
Large Text (above 18pt) WCAG AA × Fail

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, 189, 207 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

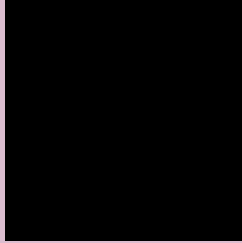
Any Text WCAG AA ✓ Pass

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, 189, 207 Background



This preview shows how black text looks on a background with the RYB color 219, 189, 207.



This preview shows how white text looks on a background with the RYB color 219, 189, 207.

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, 189, 207](#)

Protanopia
[197, 196, 211](#)

Deuteranopia
[212, 191, 207](#)



Tritanopia
219, 189, 204

Trichromacy



Original Color

219, 189, 207

Protanomaly

205, 193, 210

Deuteranomaly

215, 190, 207

Tritanomaly

219, 189, 205

Monochromacy



Original Color

219, 189, 207

Achromatopsia

200, 200, 200

Achromatomaly

207, 196, 203

CSS Examples

Text

The CSS property to change the color of the text to RYB 219, 189, 207 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, 189, 207) looks like.

```
.text, #text, p{  
    color:rgb(219, 189, 207)  
}
```

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, 189, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 189, 207) }
```

Border

The CSS property to change the border of an element to RYB 219, 189, 207 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, 189, 207) }
```

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

```
.border{ border-color:rgb(219, 189, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 189, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(219, 189, 207); -webkit-box-shadow:4px 4px 4px 4px rgb(219, 189, 207); box-shadow:4px 4px 4px 4px rgb(219, 189, 207) }
```

Background

The CSS property to change the background color of an element to RYB 219, 189, 207 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 189, 207) }
```

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

```
.background{ background-color: rgb(219,  
189, 207) }
```

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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