

Converting Colors

`RYB(221, 169, 197)`

Have a look what the booklet for
RYB(221, 169, 197) contains.

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Color

R_YB(221, 169, 197)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | DDA9C5 |
| RGB | 221, 169, 197 |
| RGB Percent | 87%, 66%, 77% |
| CMY | 0.1333, 0.3373, 0.2275 |
| CMYK | 0.00, 0.24, 0.11, 0.13 |
| HSL | 328°, 43%, 76% |
| HSV | 328°, 24%, 87% |
| XYZ | 54.0848, 47.7793, 59.1951 |
| YIQ | 187.7400, 22.0040, 19.7320 |

Conversions

Conversions Part 2

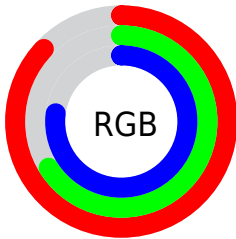
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 221, 169, 197 |
| Decimal | 14526917 |
| CIE _{Lab} | 74.69, 23.45, -6.88 |
| CIE _{LCh} | 75, 24.435, 343.652 |
| Yxy | 47.7793, 0.3358, 0.2967 |
| Android (android.graphics.Color) | 4292716997 (0xFFDDA9C5) |
| YUV | 187.7400, 4.5652, 29.1690 |
| Hunter-Lab | 69.1226, 18.7024, -2.3889 |

Details

The RYB color **221, 169, 197** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **169, 205, 221**, and the grayscale version is **188, 188, 188**.

A 20% lighter version of the original color is **255, 225, 254**, and **165, 116, 143** is the 20% darker color. If you saturate the color by 10%, you get **221, 147, 187**, and if you desaturate by 10%, it is **221, 191, 207**.

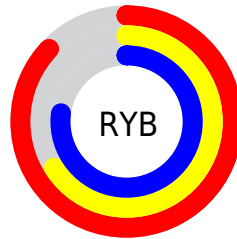
Distribution



Red (87%)

Green (66%)

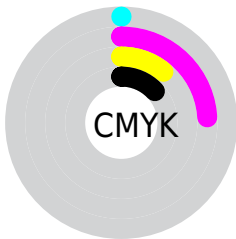
Blue (77%)



Red (87%)

Yellow (66%)

Blue (77%)

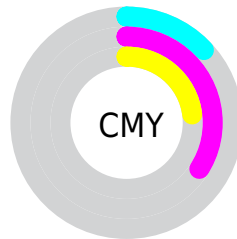


Cyan (0%)

Magenta (24%)

Yellow (11%)

Black (13%)



Cyan (13%)


Magenta (34%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the RYB color 221, 169, 197 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, 169, 197 by changing the saturation by 10% instead.

 221, 169, 197

255, 255, 255

 255, 225, 254

 255, 253, 255

 221, 169, 197

 193, 142, 170


 165, 116, 143

 139, 92, 118

 113, 67, 93


 87, 44, 69


 63, 22, 47


 41, 0, 26


 1, 0, 0


 0, 0, 0

 221, 169, 197


 221, 169, 197


 221, 147, 187


 221, 191, 207

 221, 125, 177


 221, 213, 217

 221, 103, 166


 221, 230, 235

 221, 81, 156


 221, 244, 255


 221, 58, 146

 221, 240, 255

 221, 36, 136

 221, 238, 255

 221, 14, 126

 221, 0, 119

Harmonies

Analogous

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



200, 175, 216



221, 169, 197



230, 168, 174

Triad

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



221, 169, 197



144, 190, 140



122, 163, 214

Complementary

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



221, 169, 197



169, 205, 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.



122, 160, 197



221, 169, 197



151, 192, 178

Square

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



221, 169, 197



206, 212, 141



140, 176, 196



141, 172, 226

Rectangle

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



221, 169, 197



229, 172, 160



140, 176, 196



120, 161, 208

Sweetspot

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



221, 169, 197



255, 237, 247



192, 169, 221



128, 117, 123



0, 0, 0



128, 128, 128

Same Dimension

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



221, 169, 197



255, 184, 222



221, 169, 172



110, 99, 105



173, 0, 93



46, 0, 25

Inverse Universe

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



221, 169, 197



255, 184, 222



169, 196, 221



110, 99, 105



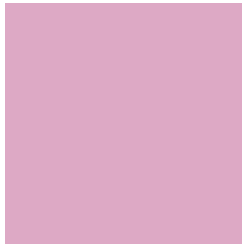
173, 0, 93



46, 0, 25

Previews

White Background



This preview shows how the RYB color 221, 169, 197 looks on a white background.

Color Contrast Check

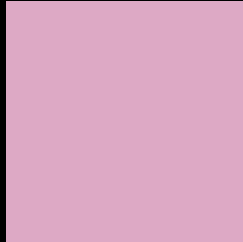
Large Text (above 18pt) WCAG AA × Fail

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, 169, 197 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, 169, 197 Background



This preview shows how black text looks on a background with the RYB color 221, 169, 197.



This preview shows how white text looks on a background with the RYB color 221, 169, 197.

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, 169, 197

Protanopia
181, 183, 206

Deuteranopia
197, 179, 195



Tritanopia
219, 171, 184

Trichromacy



Original Color
221, 169, 197

Protanomaly
196, 178, 203

Deuteranomaly
206, 175, 196

Tritanomaly
220, 170, 189

Monochromacy



Original Color
221, 169, 197

Achromatopsia
188, 188, 188

Achromatomaly
200, 181, 191

CSS Examples

Text

The CSS property to change the color of the text to RYB 221, 169, 197 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, 169, 197)` looks like.

```
.text, #text, p{  
    color:rgb(221, 169, 197)  
}
```

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, 169, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 169, 197) }
```

Border

The CSS property to change the border of an element to RYB 221, 169, 197 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, 169, 197) }
```

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

```
.border{ border-color:rgb(221, 169, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 169, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 169, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 169, 197);  
box-shadow:4px 4px 4px 4px rgb(221, 169,  
197) }
```

Background

The CSS property to change the background color of an element to RYB 221, 169, 197 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 169, 197) }
```

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

```
.background{ background-color: rgb(221,  
169, 197) }
```

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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