

Converting Colors

`RYB(201, 147, 195)`

Have a look what the booklet for RYB(201, 147, 195) contains.

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Color

R_YB(201, 147, 195)

Conversions

Conversions Part 1

Format	Color
Hex	C993C3
RGB	201, 147, 195
RGB Percent	79%, 58%, 76%
CMY	0.2118, 0.4235, 0.2353
CMYK	0.00, 0.27, 0.03, 0.21
HSL	307°, 33%, 68%
HSV	307°, 27%, 79%
XYZ	44.3714, 37.2251, 56.4763
YIQ	168.6180, 16.7760, 26.3760

Conversions

Conversions Part 2

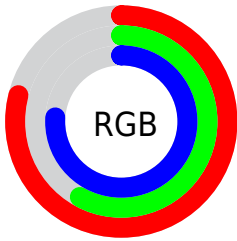
Format	Color
R_{YB}	201, 147, 195
Decimal	13210563
CIE _{Lab}	67.45, 28.20, -16.82
CIE _{LCh}	67, 32.833, 329.179
Yxy	37.2251, 0.3214, 0.2696
Android (android.graphics.Color)	4291400643 (0xFFC993C3)
YUV	168.6180, 13.0063, 28.3990
Hunter-Lab	61.0124, 23.0431, -12.1733

Details

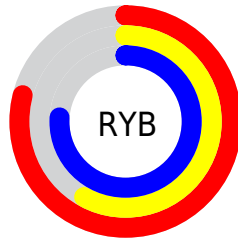
The RYB color **201, 147, 195** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **147, 196, 201**, and the grayscale version is **168, 168, 168**.

A 20% lighter version of the original color is **255, 201, 252**, and **146, 96, 141** is the 20% darker color. If you saturate the color by 10%, you get **201, 127, 193**, and if you desaturate by 10%, it is **201, 167, 197**.

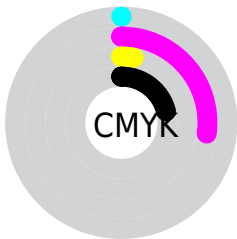
Distribution



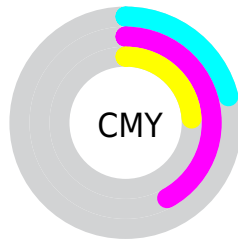
- Red (79%)
- Green (58%)
- Blue (76%)



- Red (79%)
- Yellow (58%)
- Blue (76%)



- Cyan (0%)
- Magenta (27%)
- Yellow (3%)
- Black (21%)




- Cyan (21%)
- Magenta (42%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the RYB color 201, 147, 195 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 201, 147, 195 by changing the saturation by 10% instead.

 201, 147, 195

255, 255, 255


 255, 201, 252

 255, 230, 255

 201, 147, 195

 173, 121, 168

 146, 96, 141

 120, 71, 116


 95, 48, 91


 70, 25, 67


 46, 2, 45


 24, 0, 24


 0, 0, 0


 201, 147, 195


 201, 147, 195

 201, 127, 193


 201, 167, 197

 201, 107, 191


 201, 187, 199

 201, 87, 188


 201, 206, 207

 201, 67, 186


 201, 224, 227

 201, 46, 184


 201, 243, 248

 201, 26, 182

 201, 249, 255

 201, 6, 179

 201, 247, 255

 201, 0, 179

 201, 245, 255

 201, 244, 255

Harmonies

Analogous

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



167, 157, 216



201, 147, 195



220, 142, 166

Triad

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



201, 147, 195



137, 185, 105



59, 122, 192

Complementary

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



201, 147, 195



147, 196, 201

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.



84, 137, 180



201, 147, 195



112, 171, 129

Square

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



201, 147, 195



209, 177, 114



119, 166, 177



77, 134, 214

Rectangle

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



201, 147, 195



223, 142, 146



119, 166, 177



64, 123, 183

Sweetspot

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



201, 147, 195



255, 235, 253



152, 147, 201



128, 115, 126



0, 0, 0



128, 128, 128

Same Dimension

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



201, 147, 195



255, 173, 246



201, 147, 169



99, 90, 98



163, 0, 145



36, 0, 32

Inverse Universe

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



201, 147, 195



255, 173, 246



147, 181, 201



99, 90, 98



163, 0, 145



36, 0, 32

Previews

White Background



This preview shows how the RYB color 201, 147, 195 looks on a white background.

Color Contrast Check

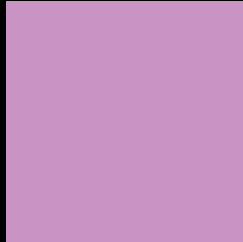
Large Text (above 18pt) WCAG AA × Fail

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 201, 147, 195 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

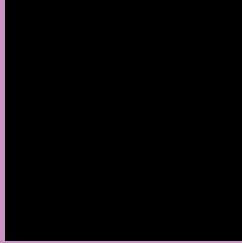
Any Text WCAG AA ✓ Pass

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 201, 147, 195 Background



This preview shows how black text looks on a background with the RYB color 201, 147, 195.

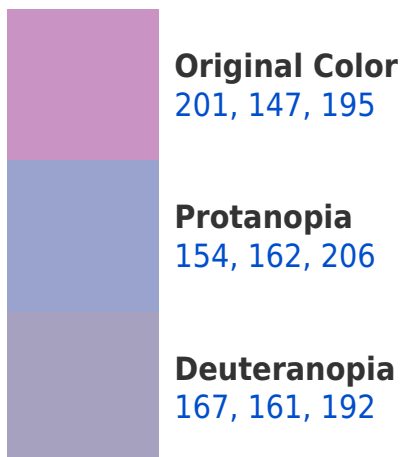



This preview shows how white text looks on a background with the RYB color 201, 147, 195.

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





Tritanopia
197, 153, 164

Trichromacy



Original Color
201, 147, 195

Protanomaly
171, 157, 202

Deuteranomaly
179, 156, 193

Tritanomaly
198, 151, 175

Monochromacy



Original Color
201, 147, 195

Achromatopsia
169, 169, 169

Achromatomaly
181, 161, 178

CSS Examples

Text

The CSS property to change the color of the text to RYB 201, 147, 195 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(201, 147, 195) looks like.

```
.text, #text, p{  
    color:rgb(201, 147, 195)  
}
```

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(201, 147, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 147, 195) }
```

Border

The CSS property to change the border of an element to RYB 201, 147, 195 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(201, 147, 195) }
```

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

```
.border{ border-color:rgb(201, 147, 195) }
```

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

Here you see how a box with a 4 pixel rgb(201, 147, 195) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 147, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 147, 195);  
box-shadow:4px 4px 4px 4px rgb(201, 147,  
195) }
```

Background

The CSS property to change the background color of an element to RYB 201, 147, 195 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 147, 195) }
```

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

```
.background{ background-color: rgb(201,  
147, 195) }
```

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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