

Converting Colors

`RYB(199, 147, 166)`

Have a look what the booklet for RYB(199, 147, 166) contains.

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Color

R_YB(199, 147, 166)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | C793A6 |
| RGB | 199, 147, 166 |
| RGB Percent | 78%, 58%, 65% |
| CMY | 0.2196, 0.4235, 0.3490 |
| CMYK | 0.00, 0.26, 0.17, 0.22 |
| HSL | 338°, 32%, 68% |
| HSV | 338°, 26%, 78% |
| XYZ | 40.8698, 35.7627, 40.8252 |
| YIQ | 164.7140, 24.8930, 16.9330 |

Conversions

Conversions Part 2

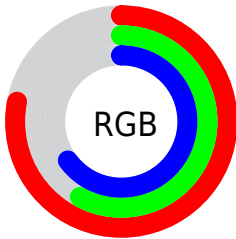
| Format | Color |
|-------------------------------------|--|
| RYB | 199, 147, 166 |
| Decimal | 13079462 |
| CIELab | 66.34, 22.48, -2.26 |
| CIELCh | 66, 22.598, 354.272 |
| Yxy | 35.7627, 0.3480, 0.3045 |
| Android (android.graphics.Color) | 4291269542 (0xFFC793A6) |
| YUV | 164.7140, 0.6340, 30.0688 |
| Hunter-Lab | 59.8019, 17.3371, 1.3856 |

Details

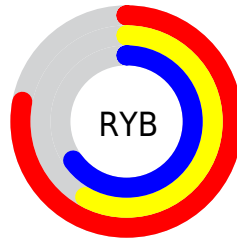
The RYB color **199, 147, 166** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **147, 179, 199**, and the grayscale version is **165, 165, 165**.

A 20% lighter version of the original color is **255, 201, 221**, and **144, 96, 114** is the 20% darker color. If you saturate the color by 10%, you get **199, 127, 153**, and if you desaturate by 10%, it is **199, 167, 179**.

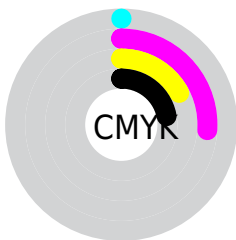
Distribution



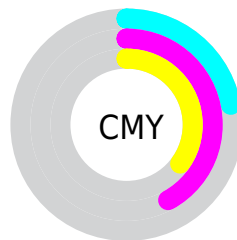
- Red (78%)
- Green (58%)
- Blue (65%)



- Red (78%)
- Yellow (58%)
- Blue (65%)



- Cyan (0%)
- Magenta (26%)
- Yellow (17%)
- Black (22%)



- Cyan (22%)
- Magenta (42%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the RYB color 199, 147, 166 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 199, 147, 166 by changing the saturation by 10% instead.

 199, 147, 166

255, 255, 255

 255, 201, 221


 255, 230, 250

 199, 147, 166

 171, 121, 140

 144, 96, 114

 118, 72, 90

 93, 49, 66

 68, 26, 44

 45, 4, 24

 16, 0, 0


 0, 0, 0

 199, 147, 166

 199, 147, 166

 199, 127, 153


 199, 167, 179

 199, 107, 141

 199, 187, 191

 199, 87, 128

 199, 204, 207

 199, 67, 115

 199, 216, 227

 199, 48, 103

 199, 229, 247

 199, 28, 90

 199, 231, 255

 199, 8, 78

 199, 227, 255

 199, 0, 73

 199, 227, 255

Harmonies

Analogous

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



184, 151, 185



199, 147, 166



203, 147, 146

Triad

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



199, 147, 166



124, 165, 130



109, 145, 194

Complementary

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



199, 147, 166



147, 179, 199

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.



103, 139, 177



199, 147, 166



136, 169, 170

Square

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



199, 147, 166



154, 180, 121



115, 149, 173



132, 154, 201

Rectangle

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



199, 147, 166



199, 155, 134



115, 149, 173



105, 142, 189

Sweetspot

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



199, 147, 166



255, 235, 242



180, 147, 199



128, 115, 119



0, 0, 0



128, 128, 128

Same Dimension

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



199, 147, 166



255, 176, 205



199, 155, 147



99, 90, 93



163, 0, 60



36, 0, 13

Inverse Universe

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



199, 147, 166



255, 176, 205



147, 171, 199



99, 90, 93



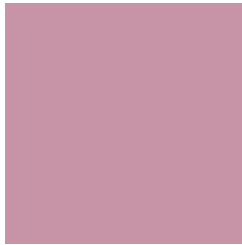
163, 0, 60



36, 0, 13

Previews

White Background



This preview shows how the RYB color 199, 147, 166 looks on a white background.

Color Contrast Check

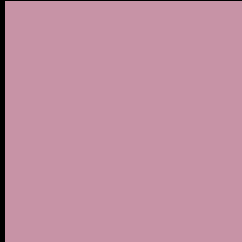
Large Text (above 18pt) WCAG AA × Fail

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 199, 147, 166 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

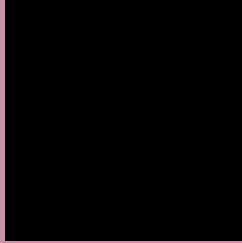
Any Text WCAG AA ✓ Pass

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 199, 147, 166 Background



This preview shows how black text looks on a background with the RYB color 199, 147, 166.



This preview shows how white text looks on a background with the RYB color 199, 147, 166.

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
199, 147, 166

Protanopia
161, 161, 174

Deuteranopia
176, 157, 164



Tritanopia
198, 148, 159

Trichromacy



Original Color

199, 147, 166

Protanomaly

175, 156, 171

Deuteranomaly

184, 153, 165

Tritanomaly

198, 148, 162

Monochromacy



Original Color

199, 147, 166

Achromatopsia

165, 165, 165

Achromatomaly

177, 158, 165

CSS Examples

Text

The CSS property to change the color of the text to RYB 199, 147, 166 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(199, 147, 166) looks like.

```
.text, #text, p{  
    color:rgb(199, 147, 166)  
}
```

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(199, 147, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 147, 166) }
```

Border

The CSS property to change the border of an element to RYB 199, 147, 166 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(199, 147, 166) }
```

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

```
.border{ border-color:rgb(199, 147, 166) }
```

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

Here you see how a box with a 4 pixel rgb(199, 147, 166) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 147, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 147, 166);  
box-shadow:4px 4px 4px 4px rgb(199, 147,  
166) }
```

Background

The CSS property to change the background color of an element to RYB 199, 147, 166 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 147, 166) }
```

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

```
.background{ background-color: rgb(199,  
147, 166) }
```

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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