

Converting Colors

`RYB(194, 147, 162)`

Have a look what the booklet for RYB(194, 147, 162) contains.

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Color

$\text{RYB}(194, 147, 162)$

Conversions

Conversions Part 1

Format	Color
Hex	C293A2
RGB	194, 147, 162
RGB Percent	76%, 58%, 64%
CMY	0.2392, 0.4235, 0.3647
CMYK	0.00, 0.24, 0.16, 0.24
HSL	341°, 28%, 67%
HSV	341°, 24%, 76%
XYZ	39.2034, 34.9454, 38.8613
YIQ	162.7630, 23.1970, 14.6290

Conversions

Conversions Part 2

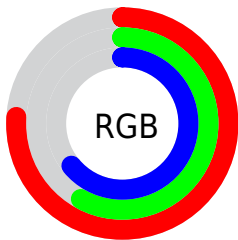
Format	Color
RYB	194, 147, 162
Decimal	12751778
CIELab	65.71, 20.01, -0.99
CIELCh	66, 20.034, 357.154
Yxy	34.9454, 0.3469, 0.3092
Android (android.graphics.Color)	4290941858 (0xFFC293A2)
YUV	162.7630, -0.3762, 27.3948
Hunter-Lab	59.1146, 14.9264, 2.4037

Details

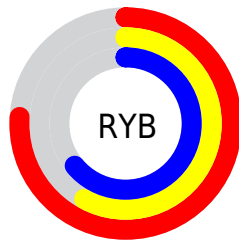
The RYB color **194, 147, 162** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **147, 175, 194**, and the grayscale version is **163, 163, 163**.

A 20% lighter version of the original color is **251, 201, 217**, and **140, 96, 110** is the 20% darker color. If you saturate the color by 10%, you get **194, 128, 149**, and if you desaturate by 10%, it is **194, 166, 175**.

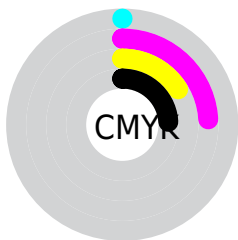
Distribution



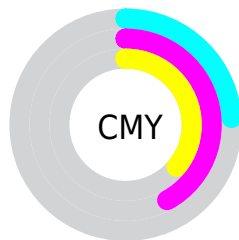
- Red (76%)
- Green (58%)
- Blue (64%)



- Red (76%)
- Yellow (58%)
- Blue (64%)



- Cyan (0%)
- Magenta (24%)
- Yellow (16%)
- Black (24%)




- Cyan (24%)
- Magenta (42%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the RYB color 194, 147, 162 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 194, 147, 162 by changing the saturation by 10% instead.

 194, 147, 162

255, 255, 255

 251, 201, 217

 255, 229, 245

 194, 147, 162

 166, 121, 136

 140, 96, 110

 114, 72, 86

 88, 49, 63


 64, 27, 41


 41, 5, 21

 4, 0, 0


 0, 0, 0

 194, 147, 162

 194, 147, 162

 194, 128, 149


 194, 166, 175

 194, 108, 136

 194, 186, 188

 194, 89, 122

 194, 200, 205

 194, 69, 109

 194, 212, 225

 194, 50, 96

 194, 224, 244

 194, 31, 83

 194, 228, 255

 194, 11, 70

 194, 225, 255

 194, 0, 62

 194, 225, 255

Harmonies

Analogous

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



181, 150, 179



194, 147, 162



197, 148, 144

Triad

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



194, 147, 162



127, 163, 134



117, 147, 189

Complementary

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



194, 147, 162



147, 175, 194

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.



110, 141, 175



194, 147, 162



135, 164, 168

Square

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



194, 147, 162



150, 175, 124



118, 148, 170



136, 154, 195

Rectangle

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



194, 147, 162



193, 156, 134



118, 148, 170



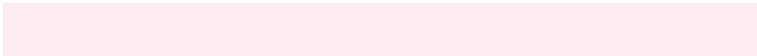
112, 144, 185

Sweetspot

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



194, 147, 162



252, 235, 240



178, 147, 194



128, 117, 121



0, 0, 0



128, 128, 128

Same Dimension

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



194, 147, 162



252, 179, 203



194, 157, 147



97, 87, 90



161, 0, 51



33, 0, 11

Inverse Universe

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



194, 147, 162



252, 179, 203



147, 168, 194



97, 87, 90



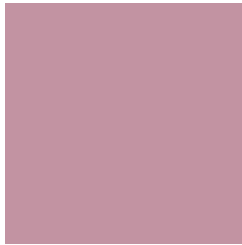
161, 0, 51



33, 0, 11

Previews

White Background



This preview shows how the RYB color 194, 147, 162 looks on a white background.

Color Contrast Check

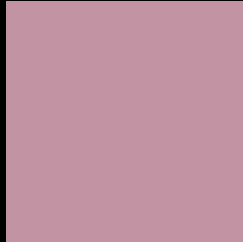
Large Text (above 18pt) WCAG AA × Fail

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 194, 147, 162 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](#).

RYP 194, 147, 162 Background



This preview shows how black text looks on a background with the RYB color 194, 147, 162.

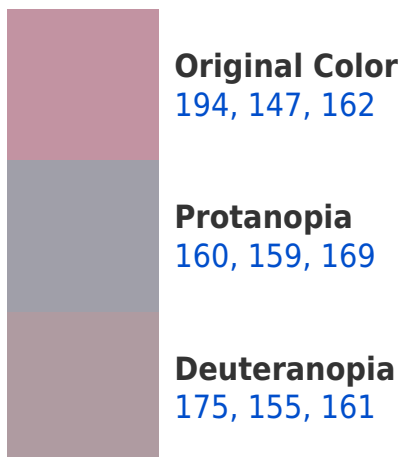


This preview shows how white text looks on a background with the RYB color 194, 147, 162.

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
194, 148, 159

Trichromacy



Original Color

194, 147, 162

Protanomaly

172, 155, 166

Deuteranomaly

182, 152, 161

Tritanomaly

194, 148, 160

Monochromacy



Original Color

194, 147, 162

Achromatopsia

163, 163, 163

Achromatomaly

174, 157, 163

CSS Examples

Text

The CSS property to change the color of the text to RGB 194, 147, 162 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(194, 147, 162) looks like.

```
.text, #text, p{  
    color:rgb(194, 147, 162)  
}
```

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(194, 147, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 147, 162) }
```

Border

The CSS property to change the border of an element to RYB 194, 147, 162 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(194, 147, 162) }
```

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

```
.border{ border-color:rgb(194, 147, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 147, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 147, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 147, 162);  
box-shadow:4px 4px 4px 4px rgb(194, 147,  
162) }
```

Background

The CSS property to change the background color of an element to RYB 194, 147, 162 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 147, 162) }
```

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

```
.background{ background-color: rgb(194,  
147, 162) }
```

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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