

Converting Colors

`RYB(184, 147, 172)`

Have a look what the booklet for RYB(184, 147, 172) contains.

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Color

R_YB(184, 147, 172)

Conversions

Conversions Part 1

Format	Color
Hex	B893AC
RGB	184, 147, 172
RGB Percent	72%, 58%, 67%
CMY	0.2784, 0.4235, 0.3255
CMYK	0.00, 0.20, 0.07, 0.28
HSL	319°, 21%, 65%
HSV	319°, 20%, 72%
XYZ	37.6473, 34.0363, 43.6152
YIQ	160.9130, 14.0270, 15.6190

Conversions

Conversions Part 2

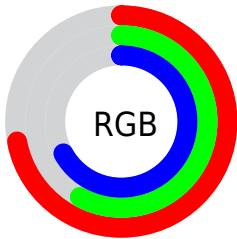
Format	Color
RYB	184, 147, 172
Decimal	12096428
CIELab	64.99, 18.10, -7.79
CIELCh	65, 19.704, 336.710
Yxy	34.0363, 0.3265, 0.2952
Android (android.graphics.Color)	4290286508 (0xFFB893AC)
YUV	160.9130, 5.4659, 20.2473
Hunter-Lab	58.3407, 13.0900, -3.4864

Details

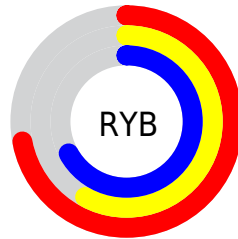
The RYB color **184, 147, 172** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **147, 175, 184**, and the grayscale version is **161, 161, 161**.

A 20% lighter version of the original color is **240, 201, 227**, and **131, 96, 120** is the 20% darker color. If you saturate the color by 10%, you get **184, 129, 166**, and if you desaturate by 10%, it is **184, 165, 178**.

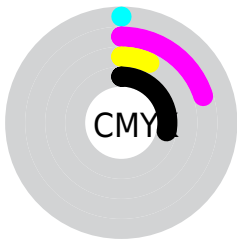
Distribution



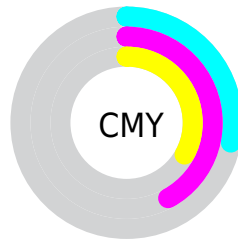
- Red (72%)
- Green (58%)
- Blue (67%)



- Red (72%)
- Yellow (58%)
- Blue (67%)



- Cyan (0%)
- Magenta (20%)
- Yellow (7%)
- Black (28%)




- Cyan (28%)
- Magenta (42%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the RYB color 184, 147, 172 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 184, 147, 172 by changing the saturation by 10% instead.

 184, 147, 172


255, 255, 255

 240, 201, 227


 255, 229, 255

 184, 147, 172

 157, 121, 145

 131, 96, 120


 105, 72, 95


 81, 49, 71


 57, 28, 49

 36, 5, 28


 0, 0, 0

 184, 147, 172

 184, 129, 166

 184, 147, 172

 184, 165, 178

 184, 110, 160

 184, 184, 184

 184, 92, 154

 184, 198, 202

 184, 73, 148

 184, 212, 221

 184, 55, 142

 184, 225, 239

 184, 37, 136

 184, 237, 255

 184, 18, 130

 184, 234, 255

 184, 0, 124

 184, 231, 255

 184, 229, 255

Harmonies

Analogous

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



166, 152, 186



184, 147, 172



193, 145, 154

Triad

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



184, 147, 172



134, 167, 123



109, 141, 178

Complementary

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



184, 147, 172



147, 175, 184

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.



113, 142, 168



184, 147, 172



129, 163, 145

Square

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



184, 147, 172



183, 174, 126



128, 156, 167



121, 147, 190

Rectangle

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



184, 147, 172



194, 146, 143



128, 156, 167



109, 139, 173

Sweetspot

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



184, 147, 172



240, 225, 235



159, 147, 184



120, 111, 117



247, 247, 247



120, 120, 120

Same Dimension

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



184, 147, 172



240, 182, 221



184, 147, 154



92, 83, 89



156, 0, 105



28, 0, 19

Inverse Universe

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



184, 147, 172



240, 182, 221



147, 167, 184



92, 83, 89



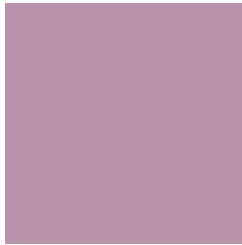
156, 0, 105



28, 0, 19

Previews

White Background



This preview shows how the RYB color 184, 147, 172 looks on a white background.

Color Contrast Check

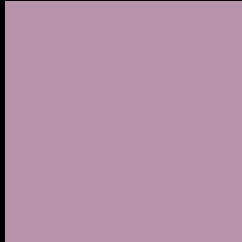
Large Text (above 18pt) WCAG AA × Fail

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 184, 147, 172 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

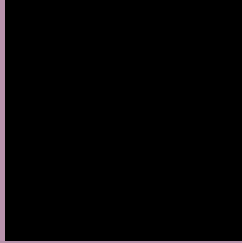
Any Text WCAG AA ✓ Pass

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 184, 147, 172 Background



This preview shows how black text looks on a background with the RYB color 184, 147, 172.

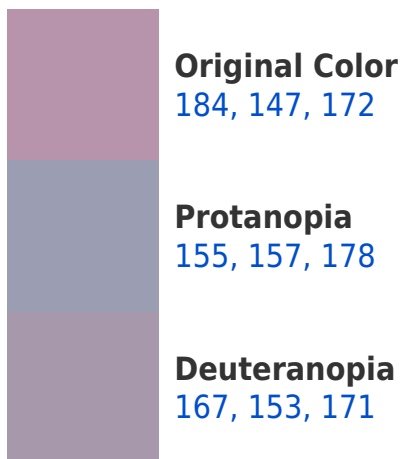


This preview shows how white text looks on a background with the RYB color 184, 147, 172.

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
182, 149, 161

Trichromacy



Original Color
184, 147, 172

Protanomaly
166, 153, 176

Deuteranomaly
173, 151, 171

Tritanomaly
183, 148, 165

Monochromacy



Original Color
184, 147, 172

Achromatopsia
161, 161, 161

Achromatomaly
169, 156, 165

CSS Examples

Text

The CSS property to change the color of the text to RYB 184, 147, 172 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(184, 147, 172) looks like.

```
.text, #text, p{  
    color:rgb(184, 147, 172)  
}
```

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(184, 147, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 147, 172) }
```

Border

The CSS property to change the border of an element to RYB 184, 147, 172 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(184, 147, 172) }
```

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

```
.border{ border-color:rgb(184, 147, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 147, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 147, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 147, 172);  
box-shadow:4px 4px 4px 4px rgb(184, 147,  
172) }
```

Background

The CSS property to change the background color of an element to RYB 184, 147, 172 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 147, 172) }
```

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

```
.background{ background-color: rgb(184,  
147, 172) }
```

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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