

Converting Colors

`RYB(184, 150, 184)`

Have a look what the booklet for RYB(184, 150, 184) contains.

RYB(184, 150, 184)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(184, 150, 184)

Conversions

Conversions Part 1

Format	Color
Hex	B896B8
RGB	184, 150, 184
RGB Percent	72%, 59%, 72%
CMY	0.2784, 0.4118, 0.2784
CMYK	0.00, 0.18, 0.00, 0.28
HSL	300°, 19%, 65%
HSV	300°, 18%, 72%
XYZ	39.3252, 35.4637, 50.1199
YIQ	164.0420, 9.3500, 17.7820

Conversions

Conversions Part 2

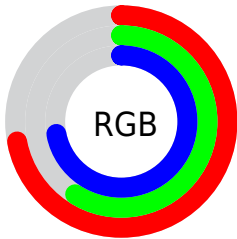
Format	Color
RYB	184, 150, 184
Decimal	12097208
CIELab	66.11, 18.66, -12.86
CIELCh	66, 22.662, 325.433
Yxy	35.4637, 0.3148, 0.2839
Android (android.graphics.Color)	4290287288 (0xFFB896B8)
YUV	164.0420, 9.8393, 17.5032
Hunter-Lab	59.5514, 13.6588, -8.2139

Details

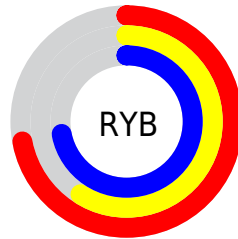
The RYB color **184, 150, 184** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **150, 184, 184**, and the grayscale version is **164, 164, 164**.

A 20% lighter version of the original color is **240, 204, 240**, and **131, 99, 131** is the 20% darker color. If you saturate the color by 10%, you get **184, 132, 184**, and if you desaturate by 10%, it is **184, 168, 184**.

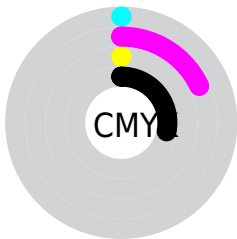
Distribution



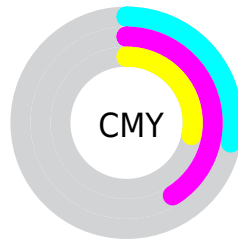
- Red (72%)
- Green (59%)
- Blue (72%)



- Red (72%)
- Yellow (59%)
- Blue (72%)



- Cyan (0%)
- Magenta (18%)
- Yellow (0%)
- Black (28%)




- Cyan (28%)
- Magenta (41%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the RYB color 184, 150, 184 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, 150, 184 by changing the saturation by 10% instead.


 184, 150, 184


255, 255, 255


 240, 204, 240


 255, 233, 255

 184, 150, 184

 157, 124, 157

 131, 99, 131

 105, 75, 106


 81, 52, 82


 57, 30, 58

 35, 8, 37

 0, 0, 14

 0, 0, 0

 184, 150, 184

 184, 150, 184

184, 132, 184

184, 168, 184

184, 113, 184

184, 187, 187

184, 95, 184

184, 205, 205

184, 76, 184

184, 224, 224

184, 58, 184

184, 242, 242

184, 40, 184

184, 255, 255

184, 21, 184

184, 3, 184

184, 0, 184

Harmonies

Analogous

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



160, 157, 197



184, 150, 184



199, 146, 165

Triad

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



184, 150, 184



153, 179, 120



102, 138, 177

Complementary

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



184, 150, 184



150, 184, 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, 147, 172



184, 150, 184



124, 165, 132

Square

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



184, 150, 184



195, 165, 128



134, 167, 170



109, 144, 193

Rectangle

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



184, 150, 184



202, 146, 151



134, 167, 170



104, 138, 172

Sweetspot

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



184, 150, 184



240, 225, 240



150, 150, 184



120, 111, 120



247, 247, 247



120, 120, 120

Same Dimension

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



184, 150, 184



240, 187, 240



184, 150, 167



92, 83, 92



156, 0, 156



28, 0, 28

Inverse Universe

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



184, 150, 184



240, 187, 240



150, 173, 184



92, 83, 92



156, 0, 156



28, 0, 28

Previews

White Background



This preview shows how the RYB color 184, 150, 184 looks on a white background.

Color Contrast Check

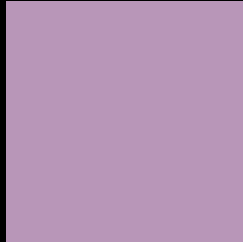
Large Text (above 18pt) WCAG AA × Fail

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, 150, 184 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

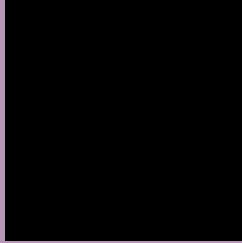
Any Text WCAG AA ✓ Pass

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, 150, 184 Background



This preview shows how black text looks on a background with the RYB color 184, 150, 184.



This preview shows how white text looks on a background with the RYB color 184, 150, 184.

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
184, 150, 184

Protanopia
155, 159, 190

Deuteranopia
166, 157, 183



Tritanopia
181, 153, 165

Trichromacy



Original Color

184, 150, 184

Protanomaly

166, 156, 188

Deuteranomaly

173, 154, 183

Tritanomaly

182, 152, 172

Monochromacy



Original Color

184, 150, 184

Achromatopsia

164, 164, 164

Achromatomaly

171, 159, 171

CSS Examples

Text

The CSS property to change the color of the text to RYB 184, 150, 184 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, 150, 184)` looks like.

```
.text, #text, p{  
    color:rgb(184, 150, 184)  
}
```

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, 150, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 150, 184) }
```

Border

The CSS property to change the border of an element to RYB 184, 150, 184 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, 150, 184) }
```

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

```
.border{ border-color:rgb(184, 150, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 150, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 150, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 150, 184);  
box-shadow:4px 4px 4px 4px rgb(184, 150,  
184) }
```

Background

The CSS property to change the background color of an element to RYB 184, 150, 184 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 150, 184) }
```

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

```
.background{ background-color: rgb(184,  
150, 184) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor