

Converting Colors

`RYB(184, 140, 163)`

Have a look what the booklet for RYB(184, 140, 163) contains.

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Color

R_YB(184, 140, 163)

Conversions

Conversions Part 1

Format	Color
Hex	B88CA3
RGB	184, 140, 163
RGB Percent	72%, 55%, 64%
CMY	0.2784, 0.4510, 0.3608
CMYK	0.00, 0.24, 0.11, 0.28
HSL	329°, 24%, 64%
HSV	329°, 24%, 72%
XYZ	35.7561, 31.5909, 38.8634
YIQ	155.7780, 18.8410, 16.4810

Conversions

Conversions Part 2

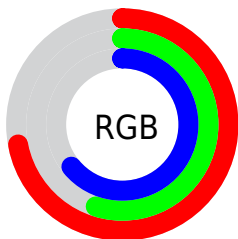
Format	Color
RYB	184, 140, 163
Decimal	12094627
CIELab	63.00, 20.41, -5.66
CIELCh	63, 21.183, 344.510
Yxy	31.5909, 0.3367, 0.2974
Android (android.graphics.Color)	4290284707 (0xFFB88CA3)
YUV	155.7780, 3.5604, 24.7507
Hunter-Lab	56.2057, 15.1953, -1.6520

Details

The RYB color **184, 140, 163** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **140, 170, 184**, and the grayscale version is **156, 156, 156**.

A 20% lighter version of the original color is **240, 194, 218**, and **130, 90, 111** is the 20% darker color. If you saturate the color by 10%, you get **184, 122, 154**, and if you desaturate by 10%, it is **184, 158, 172**.

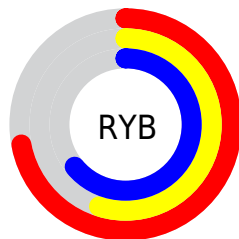
Distribution



Red (72%)

Green (55%)

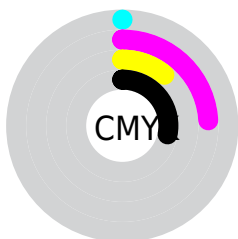
Blue (64%)



Red (72%)

Yellow (55%)

Blue (64%)

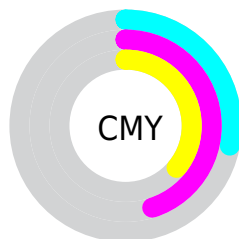


Cyan (0%)

Magenta (24%)

Yellow (11%)

Black (28%)



Cyan (28%)


Magenta (45%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the RYB color 184, 140, 163 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, 140, 163 by changing the saturation by 10% instead.


 184, 140, 163


255, 255, 255

 240, 194, 218

 255, 222, 246


 255, 251, 255

 184, 140, 163

 157, 114, 137

 130, 90, 111


 105, 66, 87

 80, 43, 64


 56, 21, 42

 36, 0, 22


 0, 0, 0


 184, 140, 163

 184, 122, 154


 184, 140, 163


 184, 158, 172

 184, 103, 145

 184, 177, 181

 184, 85, 137

 184, 192, 195

 184, 66, 128


 184, 204, 214

 184, 48, 119

 184, 216, 232

 184, 30, 110

 184, 228, 250

 184, 11, 102

 184, 229, 255

 184, 0, 96

 184, 226, 255

 184, 223, 255

Harmonies

Analogous

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



167, 145, 179



184, 140, 163



191, 139, 144

Triad

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



184, 140, 163



119, 157, 116



101, 135, 178

Complementary

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



184, 140, 163



140, 170, 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.



101, 133, 163



184, 140, 163



125, 159, 148

Square

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



184, 140, 163



168, 175, 117



115, 145, 162



117, 143, 188

Rectangle

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



184, 140, 163



190, 143, 132



115, 145, 162



99, 133, 173

Sweetspot

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



184, 140, 163



240, 223, 232



161, 140, 184



120, 110, 115



247, 247, 247



120, 120, 120

Same Dimension

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



184, 140, 163



240, 170, 207



184, 140, 141



92, 83, 87



156, 0, 81



28, 0, 15

Inverse Universe

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



184, 140, 163



240, 170, 207



140, 162, 184



92, 83, 87



156, 0, 81



28, 0, 15

Previews

White Background



This preview shows how the RYB color 184, 140, 163 looks on a white background.

Color Contrast Check

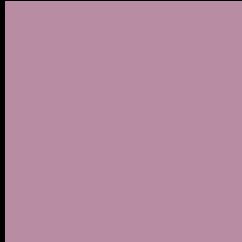
Large Text (above 18pt) WCAG AA × Fail

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, 140, 163 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

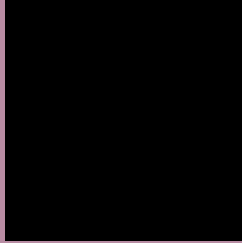
Any Text WCAG AA ✓ Pass

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 184, 140, 163 Background



This preview shows how black text looks on a background with the RYP color 184, 140, 163.

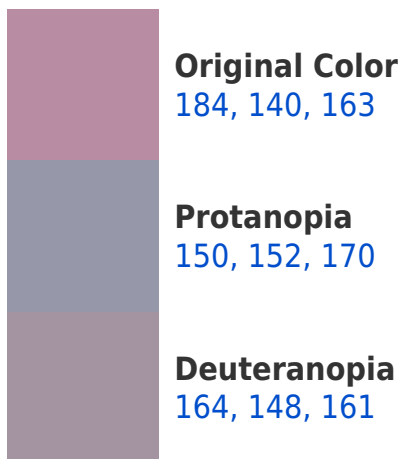


This preview shows how white text looks on a background with the RYP color 184, 140, 163.

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
183, 142, 153

Trichromacy



Original Color

184, 140, 163

Protanomaly

162, 148, 167

Deuteranomaly

171, 145, 162

Tritanomaly

183, 141, 157

Monochromacy



Original Color

184, 140, 163

Achromatopsia

156, 156, 156

Achromatomaly

166, 150, 159

CSS Examples

Text

The CSS property to change the color of the text to RYB 184, 140, 163 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, 140, 163) looks like.

```
.text, #text, p{  
    color:rgb(184, 140, 163)  
}
```

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, 140, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 140, 163) }
```

Border

The CSS property to change the border of an element to RYB 184, 140, 163 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, 140, 163) }
```

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

```
.border{ border-color:rgb(184, 140, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 140, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 140, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 140, 163);  
box-shadow:4px 4px 4px 4px rgb(184, 140,  
163) }
```

Background

The CSS property to change the background color of an element to RYB 184, 140, 163 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 140, 163) }
```

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

```
.background{ background-color: rgb(184,  
140, 163) }
```

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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