

Converting Colors

`RYB(192, 157, 187)`

Have a look what the booklet for RYB(192, 157, 187) contains.

RYB(192, 157, 187)	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(192, 157, 187)

Conversions

Conversions Part 1

Format	Color
Hex	C09DBB
RGB	192, 157, 187
RGB Percent	75%, 62%, 73%
CMY	0.2471, 0.3843, 0.2667
CMYK	0.00, 0.18, 0.03, 0.25
HSL	309°, 22%, 68%
HSV	309°, 18%, 75%
XYZ	42.7648, 38.9083, 52.2698
YIQ	170.8850, 11.2300, 16.7500

Conversions

Conversions Part 2

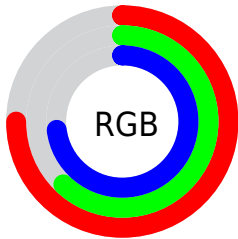
Format	Color
RYB	192, 157, 187
Decimal	12623291
CIELab	68.68, 18.12, -10.59
CIELCh	69, 20.985, 329.684
Yxy	38.9083, 0.3193, 0.2905
Android (android.graphics.Color)	4290813371 (0xFFC09DBB)
YUV	170.8850, 7.9447, 18.5179
Hunter-Lab	62.3765, 13.2194, -6.0199

Details

The RYB color **192, 157, 187** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **157, 188, 192**, and the grayscale version is **171, 171, 171**.

A 20% lighter version of the original color is **249, 212, 243**, and **138, 105, 134** is the 20% darker color. If you saturate the color by 10%, you get **192, 138, 184**, and if you desaturate by 10%, it is **192, 176, 190**.

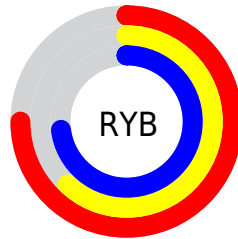
Distribution



Red (75%)

Green (62%)

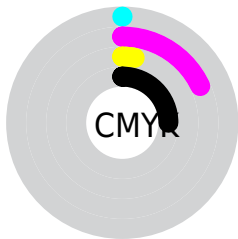
Blue (73%)



Red (75%)

Yellow (62%)

Blue (73%)

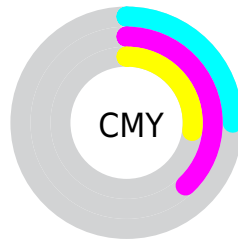


Cyan (0%)

Magenta (18%)

Yellow (3%)

Black (25%)



Cyan (25%)

Magenta (38%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the RYB color 192, 157, 187 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 192, 157, 187 by changing the saturation by 10% instead.

 192, 157, 187

255, 255, 255


 249, 212, 243

 255, 240, 255

 192, 157, 187


 165, 131, 160

 138, 105, 134

 113, 81, 109

 88, 58, 84

 64, 36, 61

 41, 15, 39

 20, 0, 19


 0, 0, 0


 192, 157, 187

 192, 157, 187

 192, 138, 184

 192, 176, 190

 192, 119, 182


 192, 195, 195

 192, 99, 179

 192, 212, 215

 192, 80, 176


 192, 229, 234

 192, 61, 173

 192, 245, 253

 192, 42, 171

 192, 246, 255

 192, 23, 168

 192, 244, 255

 192, 3, 165

 192, 242, 255

 192, 0, 165

 192, 240, 255

Harmonies

Analogous

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



171, 163, 200



192, 157, 187



205, 154, 168

Triad

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



192, 157, 187



153, 182, 130



115, 148, 186

Complementary

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



192, 157, 187



157, 188, 192

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.



122, 153, 178



192, 157, 187



134, 172, 144

Square

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



192, 157, 187



198, 176, 135



140, 169, 176



123, 154, 200

Rectangle

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



192, 157, 187



207, 154, 156



140, 169, 176



115, 147, 180

Sweetspot

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



192, 157, 187



250, 237, 248



162, 157, 192



125, 117, 124



252, 252, 252



125, 125, 125

Same Dimension

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



192, 157, 187



250, 195, 242



192, 157, 170



97, 87, 96



161, 0, 138



33, 0, 28

Inverse Universe

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



192, 157, 187



250, 195, 242



157, 178, 192



97, 87, 96



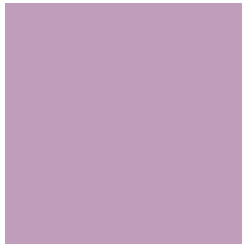
161, 0, 138



33, 0, 28

Previews

White Background



This preview shows how the RYB color 192, 157, 187 looks on a white background.

Color Contrast Check

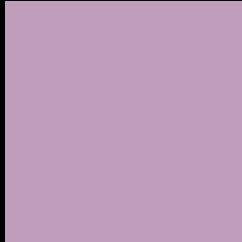
Large Text (above 18pt) WCAG AA × Fail

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 192, 157, 187 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

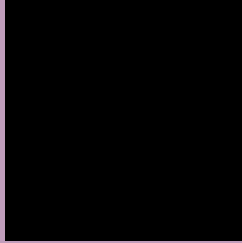
Any Text WCAG AA ✓ Pass

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 192, 157, 187 Background



This preview shows how black text looks on a background with the RYB color 192, 157, 187.



This preview shows how white text looks on a background with the RYB color 192, 157, 187.

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
192, 157, 187

Protanopia
163, 166, 193

Deuteranopia
176, 163, 186



Tritanopia
190, 160, 172

Trichromacy



Original Color

192, 157, 187

Protanomaly

174, 163, 191

Deuteranomaly

182, 161, 186

Tritanomaly

191, 159, 177

Monochromacy



Original Color

192, 157, 187

Achromatopsia

171, 171, 171

Achromatomaly

179, 166, 177

CSS Examples

Text

The CSS property to change the color of the text to RYB 192, 157, 187 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(192, 157, 187)` looks like.

```
.text, #text, p{  
    color:rgb(192, 157, 187)  
}
```

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(192, 157, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 157, 187) }
```

Border

The CSS property to change the border of an element to RYB 192, 157, 187 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(192, 157, 187) }
```

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

```
.border{ border-color:rgb(192, 157, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 157, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(192, 157, 187); -webkit-box-shadow:4px 4px 4px 4px rgb(192, 157, 187); box-shadow:4px 4px 4px 4px rgb(192, 157, 187) }
```

Background

The CSS property to change the background color of an element to RYB 192, 157, 187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 157, 187) }
```

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

```
.background{ background-color: rgb(192,  
157, 187) }
```

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