

Converting Colors

`RYB(223, 157, 213)`

Have a look what the booklet for
RYB(223, 157, 213) contains.

RYB(223, 157, 213)	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(223, 157, 213)

Conversions

Conversions Part 1

Format	Color
Hex	DF9DD5
RGB	223, 157, 213
RGB Percent	87%, 62%, 84%
CMY	0.1255, 0.3843, 0.1647
CMYK	0.00, 0.30, 0.04, 0.13
HSL	309°, 51%, 75%
HSV	309°, 30%, 87%
XYZ	54.4986, 44.6060, 68.6882
YIQ	183.1180, 21.3600, 31.4080

Conversions

Conversions Part 2

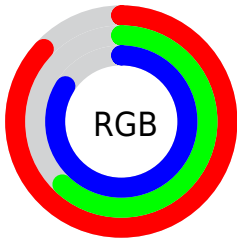
Format	Color
R _Y B	223, 157, 213
Decimal	14654933
CIE Lab	72.63, 33.35, -18.72
CIE LCh	73, 38.245, 330.702
Yxy	44.6060, 0.3248, 0.2658
Android (android.graphics.Color)	4292845013 (0xFFDF9DD5)
YUV	183.1180, 14.7318, 34.9765
Hunter-Lab	66.7877, 28.7771, -14.2257

Details

The RYB color **223, 157, 213** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **157, 214, 223**, and the grayscale version is **183, 183, 183**.

A 20% lighter version of the original color is **255, 212, 255**, and **167, 105, 158** is the 20% darker color. If you saturate the color by 10%, you get **223, 135, 210**, and if you desaturate by 10%, it is **223, 179, 216**.

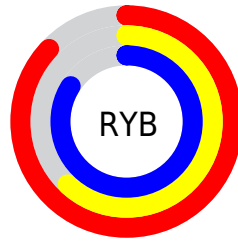
Distribution



Red (87%)

Green (62%)

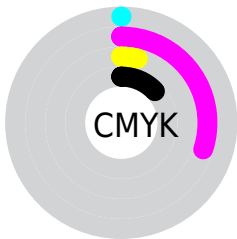
Blue (84%)



Red (87%)

Yellow (62%)

Blue (84%)

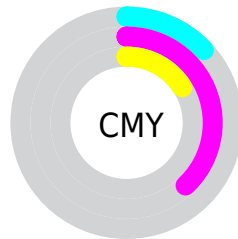


Cyan (0%)

Magenta (30%)

Yellow (4%)

Black (13%)



Cyan (13%)

Magenta (38%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the RYB color 223, 157, 213 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 223, 157, 213 by changing the saturation by 10% instead.


 223, 157, 213

 223, 157, 213


255, 255, 255

 195, 130, 185

 255, 212, 255

 167, 105, 158

 255, 241, 255

 140, 80, 132

 114, 55, 107

 88, 31, 82

 63, 5, 59


 42, 0, 37


 0, 0, 14

 0, 0, 0

 223, 157, 213


 223, 157, 213

 223, 135, 210


 223, 179, 216

 223, 112, 206

 223, 202, 220

 223, 90, 203


 223, 224, 224

 223, 68, 199

 223, 243, 246

 223, 46, 196

 223, 249, 255

 223, 23, 193

 223, 247, 255

 223, 1, 189

 223, 245, 255

 223, 0, 189

 223, 244, 255

 223, 243, 255

Harmonies

Analogous

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



183, 169, 238



223, 157, 213



244, 151, 179

Triad

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



223, 157, 213



142, 201, 108



34, 119, 213

Complementary

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



223, 157, 213



157, 214, 223

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.



75, 141, 197



223, 157, 213



117, 187, 140

Square

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



223, 157, 213



229, 197, 118



122, 178, 194



68, 139, 238

Rectangle

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



223, 157, 213



247, 152, 155



122, 178, 194



44, 122, 202

Sweetspot

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



223, 157, 213



255, 232, 252



167, 157, 223



128, 113, 125



0, 0, 0



128, 128, 128

Same Dimension

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



223, 157, 213



255, 163, 241



223, 157, 180



112, 101, 111



176, 0, 149



48, 0, 41

Inverse Universe

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



223, 157, 213



255, 163, 241



157, 197, 223



112, 101, 110



176, 0, 149



48, 0, 41

Previews

White Background



This preview shows how the RYB color 223, 157, 213 looks on a white background.

Color Contrast Check

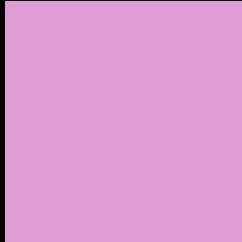
Large Text (above 18pt) WCAG AA × Fail

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 223, 157, 213 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

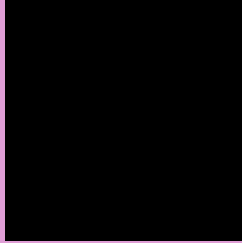
Any Text WCAG AA ✓ Pass

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 223, 157, 213 Background



This preview shows how black text looks on a background with the RYB color 223, 157, 213.



This preview shows how white text looks on a background with the RYB color 223, 157, 213.

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
223, 157, 213

Protanopia
166, 175, 227

Deuteranopia
181, 174, 210



Tritanopia
218, 164, 176

Trichromacy



Original Color

223, 157, 213



Protanomaly

187, 170, 222



Deuteranomaly

196, 168, 211



Tritanomaly

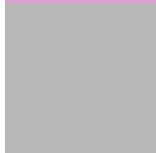
220, 161, 189

Monochromacy



Original Color

223, 157, 213



Achromatopsia

183, 183, 183



Achromatomaly

198, 174, 194

CSS Examples

Text

The CSS property to change the color of the text to RYB 223, 157, 213 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(223, 157, 213)` looks like.

```
.text, #text, p{  
    color:rgb(223, 157, 213)  
}
```

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(223, 157, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 157, 213) }
```

Border

The CSS property to change the border of an element to RYB 223, 157, 213 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(223, 157, 213) }
```

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

```
.border{ border-color:rgb(223, 157, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 157, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 157, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 157, 213);  
box-shadow:4px 4px 4px 4px rgb(223, 157,  
213) }
```

Background

The CSS property to change the background color of an element to RGB 223, 157, 213 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 157, 213) }
```

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

```
.background{ background-color: rgb(223,  
157, 213) }
```

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