

Converting Colors

`RYB(212, 157, 201)`

Have a look what the booklet for
RYB(212, 157, 201) contains.

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Color

R_YB(212, 157, 201)

Conversions

Conversions Part 1

Format	Color
Hex	D49DC9
RGB	212, 157, 201
RGB Percent	83%, 62%, 79%
CMY	0.1686, 0.3843, 0.2118
CMYK	0.00, 0.26, 0.05, 0.17
HSL	312°, 39%, 72%
HSV	312°, 26%, 83%
XYZ	49.7510, 42.3280, 60.8063
YIQ	178.4610, 18.6560, 25.3440

Conversions

Conversions Part 2

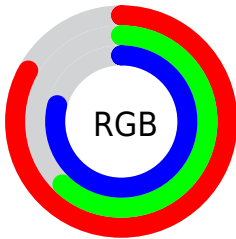
Format	Color
R_{YB}	212, 157, 201
Decimal	13934025
CIE _{Lab}	71.10, 27.54, -14.53
CIE _{LCh}	71, 31.140, 332.179
Yxy	42.3280, 0.3254, 0.2769
Android (android.graphics.Color)	4292124105 (0xFFD49DC9)
YUV	178.4610, 11.1117, 29.4137
Hunter-Lab	65.0600, 22.6428, -9.8716

Details

The RYB color **212, 157, 201** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **157, 203, 212**, and the grayscale version is **178, 178, 178**.

A 20% lighter version of the original color is **255, 212, 255**, and **157, 105, 147** is the 20% darker color. If you saturate the color by 10%, you get **212, 136, 197**, and if you desaturate by 10%, it is **212, 178, 205**.

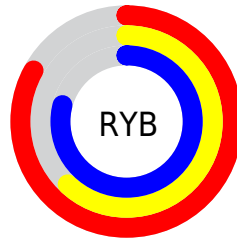
Distribution



Red (83%)

Green (62%)

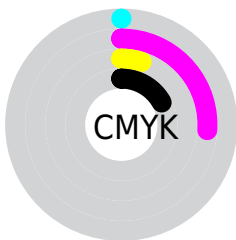
Blue (79%)



Red (83%)

Yellow (62%)

Blue (79%)

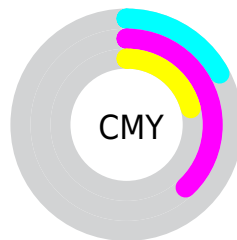


Cyan (0%)

Magenta (26%)

Yellow (5%)

Black (17%)



Cyan (17%)

Magenta (38%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the RYB color 212, 157, 201 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 212, 157, 201 by changing the saturation by 10% instead.


 212, 157, 201

255, 255, 255

 255, 212, 255

 255, 241, 255

 212, 157, 201

 184, 131, 174

 157, 105, 147

 130, 80, 121


 104, 56, 96

 79, 33, 72

 56, 10, 50

 36, 0, 29

 0, 0, 0

 212, 157, 201

 212, 157, 201

■ 212, 136, 197

■ 212, 178, 205

■ 212, 115, 193

■ 212, 199, 209

■ 212, 93, 188

■ 212, 219, 221

■ 212, 72, 184

■ 212, 237, 242

■ 212, 51, 180

■ 212, 247, 255

■ 212, 30, 176

■ 212, 244, 255

■ 212, 9, 171

■ 212, 242, 255

■ 212, 0, 170

■ 212, 240, 255

■ 212, 238, 255

Harmonies

Analogous

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



181, 166, 222



212, 157, 201



229, 153, 173

Triad

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



212, 157, 201



142, 192, 117



81, 138, 203

Complementary

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



212, 157, 201



157, 203, 212

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.



97, 148, 190



212, 157, 201



125, 181, 144

Square

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



212, 157, 201



216, 190, 125



128, 173, 187



100, 150, 223

Rectangle

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



212, 157, 201



231, 154, 154



128, 173, 187



83, 137, 194

Sweetspot

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



212, 157, 201



255, 235, 251



168, 157, 212



128, 115, 125



0, 0, 0



128, 128, 128

Same Dimension

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



212, 157, 201



255, 176, 239



212, 157, 174



107, 96, 105



171, 0, 137



43, 0, 35

Inverse Universe

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



212, 157, 201



255, 176, 239



157, 189, 212



107, 96, 105



171, 0, 137



43, 0, 35

Previews

White Background



This preview shows how the RYB color 212, 157, 201 looks on a white background.

Color Contrast Check

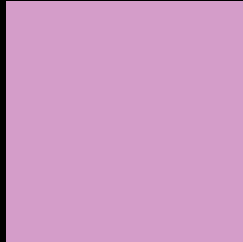
Large Text (above 18pt) WCAG AA × Fail

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 212, 157, 201 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

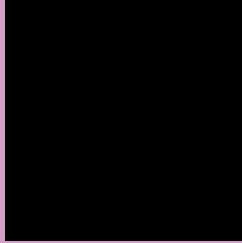
Any Text WCAG AA ✓ Pass

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 212, 157, 201 Background



This preview shows how black text looks on a background with the RYB color 212, 157, 201.



This preview shows how white text looks on a background with the RYB color 212, 157, 201.

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
212, 157, 201

Protanopia
166, 172, 212

Deuteranopia
180, 170, 199



Tritanopia
208, 162, 174

Trichromacy



Original Color
212, 157, 201

Protanomaly
183, 167, 208

Deuteranomaly
192, 165, 200

Tritanomaly
209, 160, 184

Monochromacy



Original Color
212, 157, 201

Achromatopsia
178, 178, 178

Achromatomaly
190, 170, 186

CSS Examples

Text

The CSS property to change the color of the text to RYB 212, 157, 201 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(212, 157, 201) looks like.

```
.text, #text, p{  
    color:rgb(212, 157, 201)  
}
```

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(212, 157, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 157, 201) }
```

Border

The CSS property to change the border of an element to RYB 212, 157, 201 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(212, 157, 201) }
```

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

```
.border{ border-color:rgb(212, 157, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 157, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 157, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 157, 201);  
box-shadow:4px 4px 4px 4px rgb(212, 157,  
201) }
```

Background

The CSS property to change the background color of an element to RYB 212, 157, 201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 157, 201) }
```

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

```
.background{ background-color: rgb(212,  
157, 201) }
```

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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