

Converting Colors

`RYB(209, 153, 180)`

Have a look what the booklet for RYB(209, 153, 180) contains.

RYB(209, 153, 180)	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(209, 153, 180)

Conversions

Conversions Part 1

Format	Color
Hex	D199B4
RGB	209, 153, 180
RGB Percent	82%, 60%, 71%
CMY	0.1804, 0.4000, 0.2941
CMYK	0.00, 0.27, 0.14, 0.18
HSL	331°, 38%, 71%
HSV	331°, 27%, 82%
XYZ	45.9239, 39.6331, 48.4095
YIQ	172.8220, 24.7090, 20.2690

Conversions

Conversions Part 2

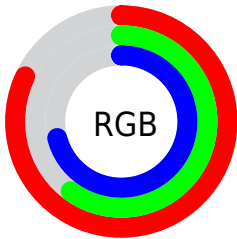
Format	Color
R _Y B	209, 153, 180
Decimal	13736372
CIE Lab	69.21, 25.07, -5.74
CIE LCh	69, 25.722, 347.112
Yxy	39.6331, 0.3428, 0.2958
Android (android.graphics.Color)	4291926452 (0xFFD199B4)
YUV	172.8220, 3.5388, 31.7281
Hunter-Lab	62.9548, 20.0404, -1.5231

Details

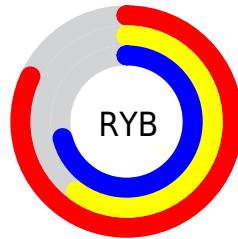
The RYB color **209, 153, 180** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **153, 190, 209**, and the grayscale version is **173, 173, 173**.

A 20% lighter version of the original color is **255, 208, 236**, and **154, 101, 127** is the 20% darker color. If you saturate the color by 10%, you get **209, 132, 169**, and if you desaturate by 10%, it is **209, 174, 191**.

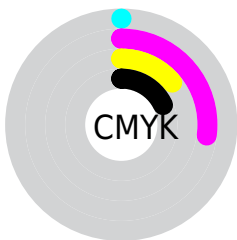
Distribution



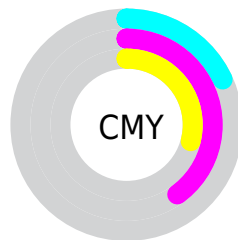
- Red (82%)
- Green (60%)
- Blue (71%)



- Red (82%)
- Yellow (60%)
- Blue (71%)



- Cyan (0%)
- Magenta (27%)
- Yellow (14%)
- Black (18%)



- Cyan (18%)
- Magenta (40%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the RYB color 209, 153, 180 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 209, 153, 180 by changing the saturation by 10% instead.


 209, 153, 180


255, 255, 255

 255, 208, 236


 255, 236, 255

 209, 153, 180

 181, 127, 153

 154, 101, 127

 127, 77, 102

 101, 53, 78

 77, 31, 55

 53, 8, 34

 34, 0, 12

 0, 0, 0

 209, 153, 180

 209, 153, 180

■ 209, 132, 169

■ 209, 174, 191

■ 209, 111, 158

■ 209, 195, 202

■ 209, 90, 148

■ 209, 214, 216

■ 209, 69, 137

■ 209, 228, 237

■ 209, 49, 126

■ 209, 239, 255

■ 209, 28, 115

■ 209, 235, 255

■ 209, 7, 104

■ 209, 232, 255

■ 209, 0, 101

Harmonies

Analogous

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



189, 159, 201



209, 153, 180



216, 152, 156

Triad

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



209, 153, 180



124, 172, 124



103, 146, 202

Complementary

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



209, 153, 180



153, 190, 209

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.



102, 142, 182



209, 153, 180



137, 178, 169

Square

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



209, 153, 180



179, 195, 124



120, 158, 181



126, 157, 214

Rectangle

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



209, 153, 180



214, 158, 142



120, 158, 181



100, 144, 196

Sweetspot

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



209, 153, 180



255, 235, 244



182, 153, 209



128, 115, 121



0, 0, 0



128, 128, 128

Same Dimension

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



209, 153, 180



255, 173, 213



209, 154, 153



105, 94, 99



168, 0, 81



41, 0, 20

Inverse Universe

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



209, 153, 180



255, 173, 213



153, 181, 209



105, 94, 99



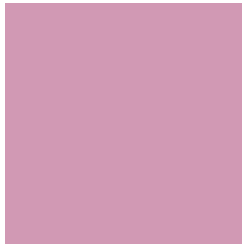
168, 0, 81



41, 0, 20

Previews

White Background



This preview shows how the RYB color 209, 153, 180 looks on a white background.

Color Contrast Check

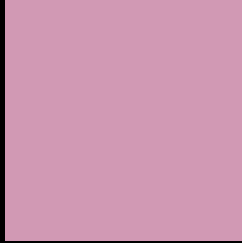
Large Text (above 18pt) WCAG AA × Fail

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 209, 153, 180 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 209, 153, 180 Background



This preview shows how black text looks on a background with the RYB color 209, 153, 180.



This preview shows how white text looks on a background with the RYB color 209, 153, 180.

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
209, 153, 180

Protanopia
166, 168, 189

Deuteranopia
182, 164, 178



Tritanopia

207, 155, 167

Trichromacy



Original Color
209, 153, 180

Protanomaly
182, 163, 186

Deuteranomaly
192, 160, 179

Tritanomaly
208, 154, 172

Monochromacy



Original Color
209, 153, 180

Achromatopsia
173, 173, 173

Achromatomaly
186, 166, 176

CSS Examples

Text

The CSS property to change the color of the text to RYB 209, 153, 180 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(209, 153, 180) looks like.

```
.text, #text, p{  
    color:rgb(209, 153, 180)  
}
```

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(209, 153, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 153, 180) }
```

Border

The CSS property to change the border of an element to RYB 209, 153, 180 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(209, 153, 180) }
```

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

```
.border{ border-color:rgb(209, 153, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 153, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 153, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 153, 180);  
box-shadow:4px 4px 4px 4px rgb(209, 153,  
180) }
```

Background

The CSS property to change the background color of an element to RYB 209, 153, 180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 153, 180) }
```

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

```
.background{ background-color: rgb(209,  
153, 180) }
```

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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