

# Converting Colors

`RYB(205, 154, 179)`

Have a look what the booklet for RYB(205, 154, 179) contains.

<b>RYB(205, 154, 179)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**R<sub>Y</sub>B(205, 154, 179)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CD9AB3
RGB	205, 154, 179
RGB Percent	80%, 60%, 70%
CMY	0.1961, 0.3961, 0.2980
CMYK	0.00, 0.25, 0.13, 0.20
HSL	331°, 34%, 70%
HSV	331°, 25%, 80%
XYZ	44.8691, 39.3450, 47.8773
YIQ	172.0990, 22.3710, 18.5870

# Conversions

## Conversions Part 2

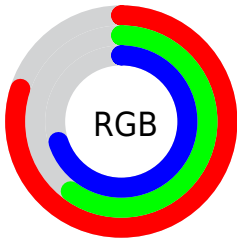
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	205, 154, 179
Decimal	13474483
CIE Lab	69.00, 22.94, -5.53
CIE LCh	69, 23.596, 346.440
Yxy	39.3450, 0.3397, 0.2979
Android (android.graphics.Color)	4291664563 (0xFFCD9AB3)
YUV	172.0990, 3.4022, 28.8542
Hunter-Lab	62.7256, 17.9155, -1.3471

# Details

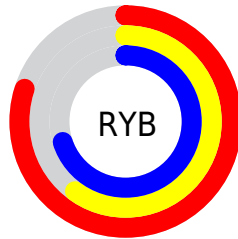
The RYB color **205, 154, 179** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **154, 188, 205**, and the grayscale version is **172, 172, 172**.

A 20% lighter version of the original color is **255, 209, 235**, and **150, 102, 126** is the 20% darker color. If you saturate the color by 10%, you get **205, 133, 169**, and if you desaturate by 10%, it is **205, 174, 189**.

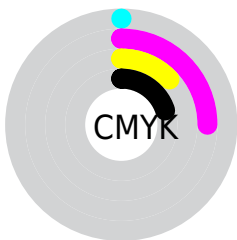
# Distribution



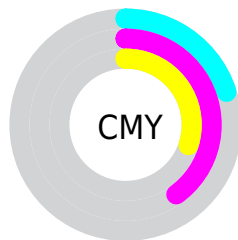
- Red (80%)
- Green (60%)
- Blue (70%)



- Red (80%)
- Yellow (60%)
- Blue (70%)



- Cyan (0%)
- Magenta (25%)
- Yellow (13%)
- Black (20%)



- Cyan (20%)
- Magenta (40%)
- Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the RYB color 205, 154, 179 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 205, 154, 179 by changing the saturation by 10% instead.



 205, 154, 179

 205, 154, 179

255, 255, 255

 177, 128, 152

 255, 209, 235

 150, 102, 126


 255, 237, 255

 124, 78, 101

 98, 55, 77

 74, 32, 55

 50, 10, 33

 31, 0, 10

 0, 0, 0

 205, 154, 179

 205, 154, 179

 205, 133, 169


 205, 174, 189

 205, 113, 158


 205, 195, 200

 205, 92, 148


 205, 212, 215

 205, 72, 137


 205, 225, 236

 205, 51, 127

 205, 238, 255

 205, 31, 116

 205, 234, 255

 205, 10, 106

 205, 231, 255

 205, 0, 100

 205, 230, 255

# Harmonies

## Analogous

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



186, 159, 198



205, 154, 179



212, 153, 157

# Triad

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



205, 154, 179



128, 172, 127



110, 149, 199

# Complementary

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



205, 154, 179



154, 188, 205

# 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.



109, 145, 180



205, 154, 179



138, 176, 166

# Square

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



205, 154, 179



179, 193, 127



124, 159, 180



130, 158, 209

# Rectangle

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



205, 154, 179



210, 157, 144



124, 159, 180



107, 146, 193



# Sweetspot

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



205, 154, 179



255, 237, 246



180, 154, 205



128, 117, 122



0, 0, 0



128, 128, 128



# Same Dimension

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



205, 154, 179



255, 179, 216



205, 154, 154



102, 92, 97



166, 0, 81



38, 0, 19



# Inverse Universe

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



205, 154, 179



255, 179, 216



154, 180, 205



102, 92, 97



166, 0, 81



38, 0, 19



# Previews

## White Background



This preview shows how the RYB color 205, 154, 179 looks on a white background.

## Color Contrast Check

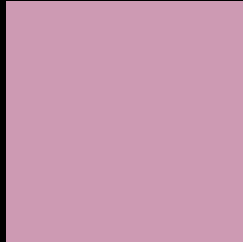
Large Text (above 18pt) WCAG AA × Fail

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 205, 154, 179 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

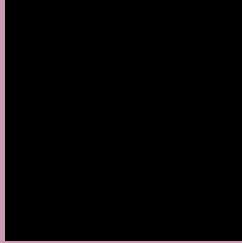
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## **RYB 205, 154, 179 Background**



This preview shows how black text looks on a background with the RYB color 205, 154, 179.

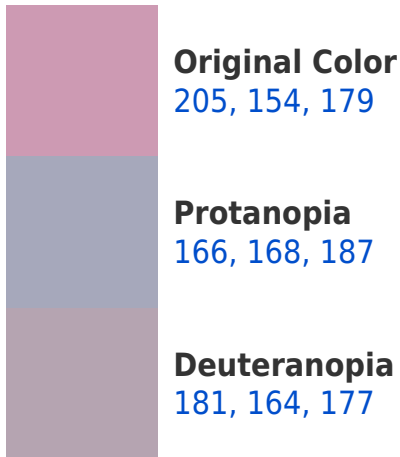


This preview shows how white text looks on a background with the RYB color 205, 154, 179.

# 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**  
204, 156, 168

# Trichromacy



**Original Color**  
205, 154, 179

**Protanomaly**  
180, 163, 184

**Deuteranomaly**  
190, 160, 178

**Tritanomaly**  
204, 155, 172

# Monochromacy



**Original Color**  
205, 154, 179

**Achromatopsia**  
172, 172, 172

**Achromatomaly**  
184, 165, 175

# CSS Examples

## Text

The CSS property to change the color of the text to RYB 205, 154, 179 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(205, 154, 179) looks like.

```
.text, #text, p{  
    color:rgb(205, 154, 179)  
}
```

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(205, 154, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 154, 179) }
```

## Border

The CSS property to change the border of an element to RYB 205, 154, 179 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(205, 154, 179) }
```

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

```
.border{ border-color:rgb(205, 154, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 154, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 154, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 154, 179);  
box-shadow:4px 4px 4px 4px rgb(205, 154,  
179) }
```

# Background

The CSS property to change the background color of an element to RYB 205, 154, 179 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 154, 179) }
```

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

```
.background{ background-color: rgb(205,  
154, 179) }
```

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