

Converting Colors

`RYB(203, 154, 203)`

Have a look what the booklet for
RYB(203, 154, 203) contains.

RYB(203, 154, 203)	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(203, 154, 203)

Conversions

Conversions Part 1

Format	Color
Hex	CB9ACB
RGB	203, 154, 203
RGB Percent	80%, 60%, 80%
CMY	0.2039, 0.3961, 0.2039
CMYK	0.00, 0.24, 0.00, 0.20
HSL	300°, 32%, 70%
HSV	300°, 24%, 80%
XYZ	46.9637, 40.1195, 61.7685
YIQ	174.2370, 13.4750, 25.6270

Conversions

Conversions Part 2

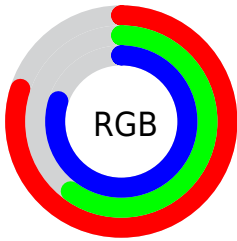
Format	Color
R_{YB}	203, 154, 203
Decimal	13343435
CIE _{Lab}	69.55, 26.52, -18.06
CIE _{LCh}	70, 32.080, 325.747
Yxy	40.1195, 0.3155, 0.2695
Android (android.graphics.Color)	4291533515 (0xFFFCB9ACB)
YUV	174.2370, 14.1802, 25.2252
Hunter-Lab	63.3400, 21.5047, -13.4810

Details

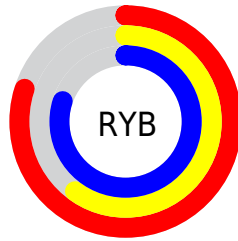
The RYB color **203, 154, 203** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **154, 203, 203**, and the grayscale version is **174, 174, 174**.

A 20% lighter version of the original color is **255, 209, 255**, and **148, 102, 149** is the 20% darker color. If you saturate the color by 10%, you get **203, 134, 203**, and if you desaturate by 10%, it is **203, 174, 203**.

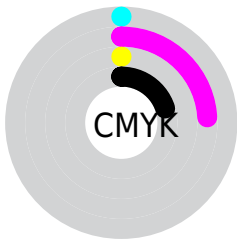
Distribution



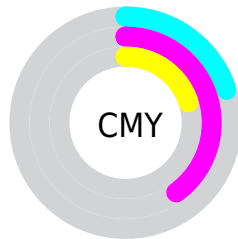
- Red (80%)
- Green (60%)
- Blue (80%)



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



- Cyan (0%)
- Magenta (24%)
- Yellow (0%)
- Black (20%)



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

Brightness & Saturation Gradients

These gradients show how the RYB color 203, 154, 203 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 203, 154, 203 by changing the saturation by 10% instead.

 203, 154, 203

 203, 154, 203

255, 255, 255

 175, 128, 176

 255, 209, 255

 148, 102, 149

 255, 237, 255

 122, 78, 123

 97, 54, 98

 72, 31, 74

 49, 9, 51

 30, 0, 30


 0, 0, 0


 203, 154, 203


 203, 154, 203

 203, 134, 203


 203, 174, 203

 203, 113, 203


 203, 195, 203

 203, 93, 203


 203, 215, 215


 203, 73, 203

 203, 235, 235

 203, 53, 203

 203, 255, 255

 203, 32, 203

 203, 12, 203

 203, 0, 203

Harmonies

Analogous

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



168, 164, 222



203, 154, 203



223, 148, 175

Triad

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



203, 154, 203



152, 194, 112



72, 131, 194

Complementary

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



203, 154, 203



154, 203, 203

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.



96, 147, 186



203, 154, 203



117, 176, 129

Square

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



203, 154, 203



216, 177, 123



130, 177, 182



84, 140, 217

Rectangle

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



203, 154, 203



228, 148, 155



130, 177, 182



77, 132, 186

Sweetspot

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



203, 154, 203



255, 237, 255



154, 154, 203



128, 117, 128



0, 0, 0



128, 128, 128

Same Dimension

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



203, 154, 203



255, 181, 255



203, 154, 179



102, 92, 102



166, 0, 166



38, 0, 38

Inverse Universe

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



203, 154, 203



255, 181, 255



154, 186, 203



102, 92, 102



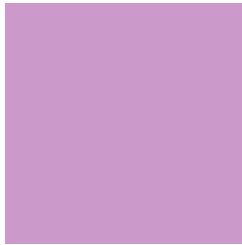
166, 0, 166



38, 0, 38

Previews

White Background



This preview shows how the RYB color 203, 154, 203 looks on a white background.

Color Contrast Check

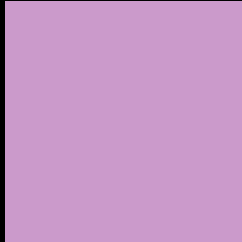
Large Text (above 18pt) WCAG AA × Fail

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 203, 154, 203 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

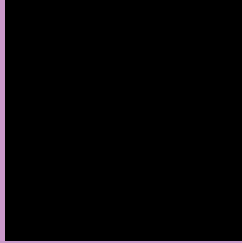
Any Text WCAG AA ✓ Pass

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 203, 154, 203 Background



This preview shows how black text looks on a background with the RYB color 203, 154, 203.



This preview shows how white text looks on a background with the RYB color 203, 154, 203.

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
203, 154, 203

Protanopia
159, 167, 213

Deuteranopia
172, 166, 201



Tritanopia
199, 160, 172

Trichromacy



Original Color
203, 154, 203

Protanomaly
175, 163, 209

Deuteranomaly
183, 162, 202

Tritanomaly
200, 158, 183

Monochromacy



Original Color
203, 154, 203

Achromatopsia
174, 174, 174

Achromatomaly
185, 167, 185

CSS Examples

Text

The CSS property to change the color of the text to RYB 203, 154, 203 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(203, 154, 203)` looks like.

```
.text, #text, p{  
    color:rgb(203, 154, 203)  
}
```

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(203, 154, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 154, 203) }
```

Border

The CSS property to change the border of an element to RYB 203, 154, 203 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(203, 154, 203) }
```

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

```
.border{ border-color:rgb(203, 154, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 154, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 154, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 154, 203);  
box-shadow:4px 4px 4px 4px rgb(203, 154,  
203) }
```

Background

The CSS property to change the background color of an element to RGB 203, 154, 203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 154, 203) }
```

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

```
.background{ background-color: rgb(203,  
154, 203) }
```

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