

Converting Colors

`RYB(203, 153, 226)`

Have a look what the booklet for
RYB(203, 153, 226) contains.

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Color

R_YB(203, 153, 226)

Conversions

Conversions Part 1

Format	Color
Hex	CB99E2
RGB	203, 153, 226
RGB Percent	80%, 60%, 89%
CMY	0.2039, 0.4000, 0.1137
CMYK	0.10, 0.32, 0.00, 0.11
HSL	281°, 56%, 74%
HSV	281°, 32%, 89%
XYZ	49.7473, 40.9700, 77.2375
YIQ	176.2720, 6.3670, 33.3030

Conversions

Conversions Part 2

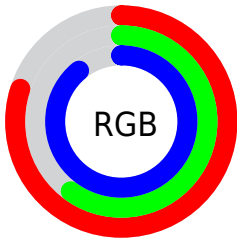
Format	Color
R _Y B	203, 153, 226
Decimal	13343202
CIE Lab	70.15, 31.59, -29.83
CIE LCh	70, 43.445, 316.644
Yxy	40.9700, 0.2962, 0.2439
Android (android.graphics.Color)	4291533282 (0xFFCB99E2)
YUV	176.2720, 24.5159, 23.4405
Hunter-Lab	64.0078, 26.7178, -26.7392

Details

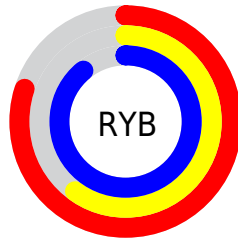
The RYB color **203, 153, 226** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **153, 226, 203**, and the grayscale version is **176, 176, 176**.

A 20% lighter version of the original color is **255, 208, 255**, and **148, 101, 170** is the 20% darker color. If you saturate the color by 10%, you get **196, 130, 226**, and if you desaturate by 10%, it is **210, 176, 226**.

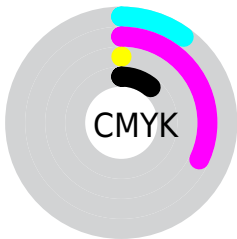
Distribution



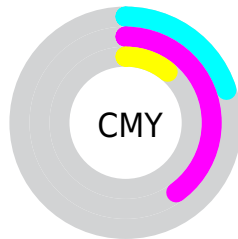
- Red (80%)
- Green (60%)
- Blue (89%)



- Red (80%)
- Yellow (60%)
- Blue (89%)



- Cyan (10%)
- Magenta (32%)
- Yellow (0%)
- Black (11%)



- Cyan (20%)
- Magenta (40%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the RYB color 203, 153, 226 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, 153, 226 by changing the saturation by 10% instead.

 203, 153, 226

 203, 153, 226


255, 255, 255

 175, 127, 198


 255, 208, 255

 148, 101, 170

 255, 236, 255

 121, 77, 144

 96, 53, 118

 71, 30, 93

 47, 6, 69


 29, 0, 47


 0, 1, 25


 0, 0, 0

 203, 153, 226

 203, 153, 226

 196, 130, 226

 210, 176, 226

 189, 108, 226

 217, 198, 226

 182, 85, 226


 224, 221, 226

 175, 63, 226

 226, 243, 238

 167, 40, 226

 226, 255, 242

 160, 17, 226

 226, 255, 235

 155, 0, 226

 226, 255, 228

 226, 255, 226

Harmonies

Analogous

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



148, 165, 247



203, 153, 226



237, 142, 191

Triad

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



203, 153, 226



178, 212, 94



0, 96, 193

Complementary

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



203, 153, 226



153, 226, 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.



74, 144, 191



203, 153, 226



94, 176, 95

Square

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



203, 153, 226



238, 161, 116



116, 186, 172



0, 103, 228

Rectangle

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



203, 153, 226



246, 140, 164



116, 186, 172



0, 99, 192

Sweetspot

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



203, 153, 226



247, 230, 255



153, 170, 226



123, 112, 128



0, 0, 0



128, 128, 128

Same Dimension

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



203, 153, 226



224, 156, 255



226, 153, 213



109, 101, 112



121, 0, 176



33, 0, 48

Inverse Universe

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



226, 153, 176



255, 156, 187



153, 215, 226



112, 101, 105



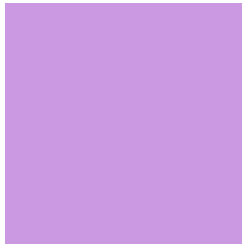
176, 0, 55



48, 0, 15

Previews

White Background



This preview shows how the RYB color 203, 153, 226 looks on a white background.

Color Contrast Check

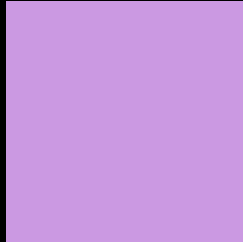
Large Text (above 18pt) WCAG AA × Fail

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, 153, 226 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, 153, 226 Background



This preview shows how black text looks on a background with the RYB color 203, 153, 226.

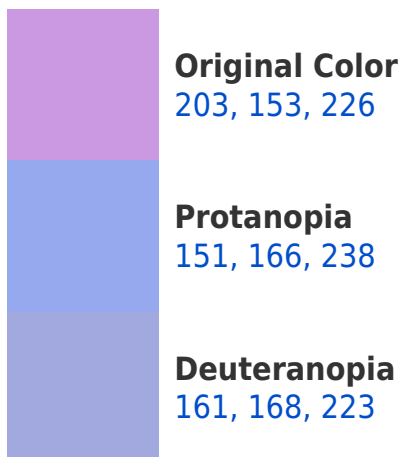



This preview shows how white text looks on a background with the RYB color 203, 153, 226.

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
195, 163, 176

Trichromacy



Original Color

203, 153, 226



Protanomaly

170, 163, 234



Deuteranomaly

176, 163, 224



Tritanomaly

198, 159, 194

Monochromacy



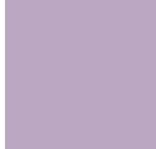
Original Color

203, 153, 226



Achromatopsia

176, 176, 176



Achromatomaly

186, 168, 194

CSS Examples

Text

The CSS property to change the color of the text to RYB 203, 153, 226 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, 153, 226) looks like.

```
.text, #text, p{  
    color:rgb(203, 153, 226)  
}
```

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, 153, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 153, 226) }
```

Border

The CSS property to change the border of an element to RYB 203, 153, 226 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, 153, 226) }
```

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

```
.border{ border-color:rgb(203, 153, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 153, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(203, 153, 226); -webkit-box-shadow:4px 4px 4px 4px rgb(203, 153, 226); box-shadow:4px 4px 4px 4px rgb(203, 153, 226) }
```

Background

The CSS property to change the background color of an element to RGB 203, 153, 226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 153, 226) }
```

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

```
.background{ background-color: rgb(203,  
153, 226) }
```

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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