

Converting Colors

`RYB(201, 123, 180)`

Have a look what the booklet for
RYB(201, 123, 180) contains.

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Color

$\text{RYB}(201, 123, 180)$

Conversions

Conversions Part 1

Format	Color
Hex	C97BB4
RGB	201, 123, 180
RGB Percent	79%, 48%, 71%
CMY	0.2118, 0.5176, 0.2941
CMYK	0.00, 0.39, 0.10, 0.21
HSL	316°, 42%, 64%
HSV	316°, 39%, 79%
XYZ	39.4086, 29.8787, 46.8701
YIQ	152.8200, 28.1910, 34.2630

Conversions

Conversions Part 2

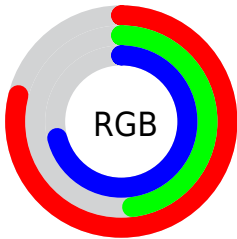
Format	Color
R_{YB}	201, 123, 180
Decimal	13204404
CIE _{Lab}	61.55, 38.57, -17.31
CIE _{LCh}	62, 42.278, 335.838
Yxy	29.8787, 0.3393, 0.2572
Android (android.graphics.Color)	4291394484 (0xFFC97BB4)
YUV	152.8200, 13.3997, 42.2539
Hunter-Lab	54.6614, 33.0334, -12.5760

Details

The RYB color **201, 123, 180** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **123, 184, 201**, and the grayscale version is **153, 153, 153**.

A 20% lighter version of the original color is **255, 177, 236**, and **145, 72, 127** is the 20% darker color. If you saturate the color by 10%, you get **201, 103, 175**, and if you desaturate by 10%, it is **201, 143, 185**.

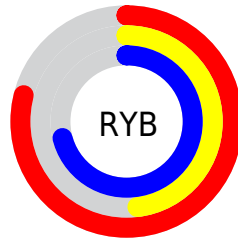
Distribution



Red (79%)

Green (48%)

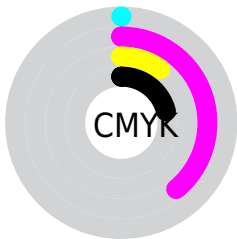
Blue (71%)



Red (79%)

Yellow (48%)

Blue (71%)

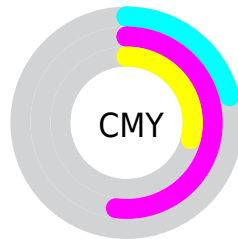


Cyan (0%)

Magenta (39%)

Yellow (10%)

Black (21%)



Cyan (21%)

Magenta (52%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the RYB color 201, 123, 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 201, 123, 180 by changing the saturation by 10% instead.

 201, 123, 180

 201, 123, 180

255, 255, 255

 173, 97, 153

 255, 177, 236

 145, 72, 127

 255, 205, 255

 119, 47, 102

 255, 233, 255

 93, 21, 78

 67, 0, 55


 45, 0, 34


 2, 0, 7


 0, 0, 0


 201, 123, 180


 201, 123, 180


 201, 103, 175


 201, 143, 185

 201, 83, 169


 201, 163, 191

 201, 63, 164


 201, 183, 196

 201, 43, 158


 201, 202, 203

 201, 23, 153

 201, 219, 224

 201, 2, 148

 201, 235, 244

 201, 0, 147

 201, 242, 255

 201, 239, 255

 201, 237, 255

Harmonies

Analogous

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



162, 136, 209



201, 123, 180



219, 118, 143

Triad

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



201, 123, 180



90, 164, 72



0, 89, 191

Complementary

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



201, 123, 180



123, 184, 201

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.



0, 87, 168



201, 123, 180



86, 159, 120

Square

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



201, 123, 180



196, 186, 81



75, 137, 166



0, 92, 216

Rectangle

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



201, 123, 180



219, 120, 118



75, 137, 166



0, 87, 180

Sweetspot

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



201, 123, 180



255, 224, 247



144, 123, 201



128, 110, 123



0, 0, 0



128, 128, 128

Same Dimension

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



201, 123, 180



255, 135, 223



201, 123, 141



99, 90, 97



163, 0, 119



36, 0, 26

Inverse Universe

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



201, 123, 180



255, 135, 223



123, 167, 201



99, 90, 97



163, 0, 119



36, 0, 26

Previews

White Background



This preview shows how the RYB color 201, 123, 180 looks on a white background.

Color Contrast Check

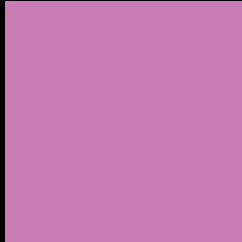
Large Text (above 18pt) WCAG AA ✓ Pass

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 201, 123, 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 × Fail

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

RYB 201, 123, 180 Background



This preview shows how black text looks on a background with the RYB color 201, 123, 180.

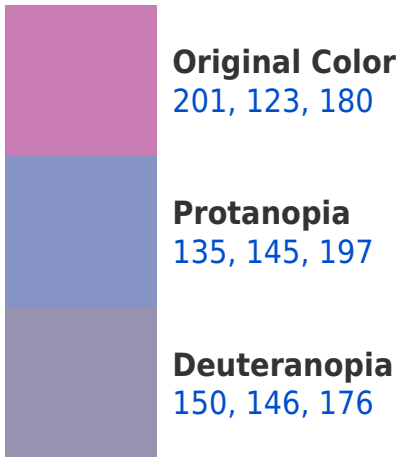



This preview shows how white text looks on a background with the RYB color 201, 123, 180.

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





Tritanopia
196, 131, 141

Trichromacy



Original Color

201, 123, 180



Protanomaly

159, 138, 191



Deuteranomaly

169, 138, 177



Tritanomaly

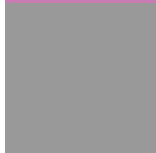
198, 128, 155

Monochromacy



Original Color

201, 123, 180



Achromatopsia

153, 153, 153



Achromatomaly

170, 142, 163

CSS Examples

Text

The CSS property to change the color of the text to RYB 201, 123, 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(201, 123, 180) looks like.

```
.text, #text, p{  
    color:rgb(201, 123, 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(201, 123, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 123, 180) }
```

Border

The CSS property to change the border of an element to RYB 201, 123, 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(201, 123, 180) }
```

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

```
.border{ border-color:rgb(201, 123, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 123, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 123, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 123, 180);  
box-shadow:4px 4px 4px 4px rgb(201, 123,  
180) }
```

Background

The CSS property to change the background color of an element to RGB 201, 123, 180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 123, 180) }
```

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

```
.background{ background-color: rgb(201,  
123, 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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