

Converting Colors

`RYB(204, 153, 190)`

Have a look what the booklet for
RYB(204, 153, 190) contains.

RYB(204, 153, 190)	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(204, 153, 190)

Conversions

Conversions Part 1

Format	Color
Hex	CC99BE
RGB	204, 153, 190
RGB Percent	80%, 60%, 75%
CMY	0.2000, 0.4000, 0.2549
CMYK	0.00, 0.25, 0.07, 0.20
HSL	316°, 33%, 70%
HSV	316°, 25%, 80%
XYZ	45.5873, 39.3375, 53.9054
YIQ	172.4670, 18.5190, 22.3190

Conversions

Conversions Part 2

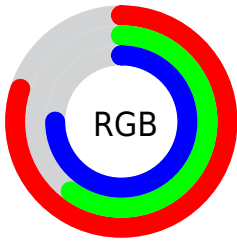
Format	Color
RYB	204, 153, 190
Decimal	13408702
CIELab	69.00, 25.03, -11.67
CIELCh	69, 27.617, 334.994
Yxy	39.3375, 0.3284, 0.2833
Android (android.graphics.Color)	4291598782 (0xFFCC99BE)
YUV	172.4670, 8.6438, 27.6544
Hunter-Lab	62.7196, 19.9821, -7.0540

Details

The RYB color **204, 153, 190** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **153, 193, 204**, and the grayscale version is **172, 172, 172**.

A 20% lighter version of the original color is **255, 208, 246**, and **149, 101, 137** is the 20% darker color. If you saturate the color by 10%, you get **204, 133, 184**, and if you desaturate by 10%, it is **204, 173, 196**.

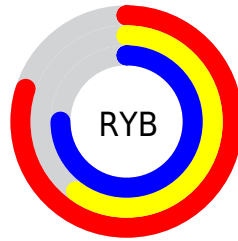
Distribution



Red (80%)

Green (60%)

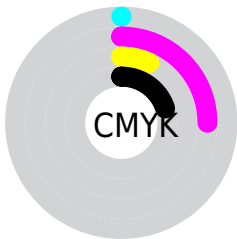
Blue (75%)



Red (80%)

Yellow (60%)

Blue (75%)

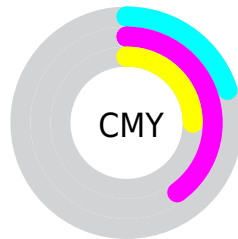


Cyan (0%)

Magenta (25%)

Yellow (7%)

Black (20%)



Cyan (20%)


Magenta (40%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the RYB color 204, 153, 190 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 204, 153, 190 by changing the saturation by 10% instead.

 204, 153, 190

255, 255, 255

 255, 208, 246

 255, 236, 255

 204, 153, 190

 176, 127, 163

 149, 101, 137

 123, 77, 111


 97, 53, 87


 73, 31, 63

 49, 8, 41

 30, 0, 21

 0, 0, 0

 204, 153, 190

 204, 153, 190

■ 204, 133, 184

■ 204, 173, 196

■ 204, 112, 179

■ 204, 194, 201

■ 204, 92, 173

■ 204, 212, 214

■ 204, 71, 168

■ 204, 229, 235

■ 204, 51, 162

■ 204, 244, 255

■ 204, 31, 156

■ 204, 241, 255

■ 204, 10, 151

■ 204, 238, 255

■ 204, 0, 148

■ 204, 236, 255

■ 204, 234, 255

Harmonies

Analogous

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



178, 160, 209



204, 153, 190



218, 150, 165

Triad

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



204, 153, 190



136, 182, 118



91, 139, 196

Complementary

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



204, 153, 190



153, 193, 204

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.



101, 144, 182



204, 153, 190



127, 175, 147

Square

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



204, 153, 190



204, 189, 124



126, 165, 180



109, 150, 213

Rectangle

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



204, 153, 190



219, 151, 148



126, 165, 180



92, 139, 189

Sweetspot

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



204, 153, 190



255, 235, 249



167, 153, 204



128, 115, 124



0, 0, 0



128, 128, 128

Same Dimension

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



204, 153, 190



255, 179, 234



204, 153, 165



102, 92, 99



166, 0, 120



38, 0, 28

Inverse Universe

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



204, 153, 190



255, 179, 234



153, 182, 204



102, 92, 99



166, 0, 120



38, 0, 28

Previews

White Background



This preview shows how the RYB color 204, 153, 190 looks on a white background.

Color Contrast Check

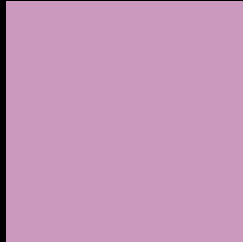
Large Text (above 18pt) WCAG AA × Fail

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 204, 153, 190 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

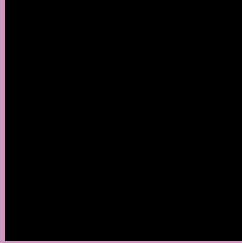
Any Text WCAG AA ✓ Pass

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 204, 153, 190 Background



This preview shows how black text looks on a background with the RYB color 204, 153, 190.

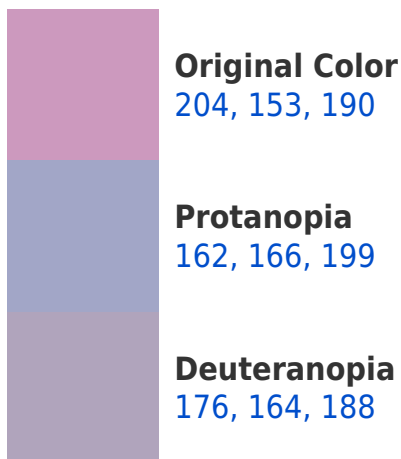


This preview shows how white text looks on a background with the RYB color 204, 153, 190.

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
201, 157, 169

Trichromacy



Original Color
204, 153, 190

Protanomaly
177, 162, 196

Deuteranomaly
186, 160, 189

Tritanomaly
202, 156, 177

Monochromacy



Original Color
204, 153, 190

Achromatopsia
172, 172, 172

Achromatomaly
184, 165, 179

CSS Examples

Text

The CSS property to change the color of the text to RYB 204, 153, 190 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(204, 153, 190)` looks like.

```
.text, #text, p{  
    color:rgb(204, 153, 190)  
}
```

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(204, 153, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 153, 190) }
```

Border

The CSS property to change the border of an element to RYB 204, 153, 190 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(204, 153, 190) }
```

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

```
.border{ border-color:rgb(204, 153, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 153, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 153, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 153, 190);  
box-shadow:4px 4px 4px 4px rgb(204, 153,  
190) }
```

Background

The CSS property to change the background color of an element to RGB 204, 153, 190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 153, 190) }
```

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

```
.background{ background-color: rgb(204,  
153, 190) }
```

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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