

Converting Colors

`RYB(207, 152, 199)`

Have a look what the booklet for
RYB(207, 152, 199) contains.

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Color

R_YB(207, 152, 199)

Conversions

Conversions Part 1

Format	Color
Hex	CF98C7
RGB	207, 152, 199
RGB Percent	81%, 60%, 78%
CMY	0.1882, 0.4039, 0.2196
CMYK	0.00, 0.27, 0.04, 0.19
HSL	309°, 36%, 70%
HSV	309°, 27%, 81%
XYZ	47.2692, 39.8454, 59.2324
YIQ	173.8030, 17.6930, 26.2770

Conversions

Conversions Part 2

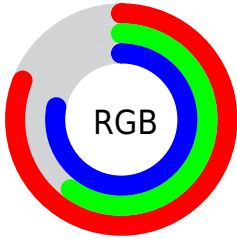
Format	Color
R_{YB}	207, 152, 199
Decimal	13605063
CIE _{Lab}	69.36, 28.21, -16.10
CIE _{LCh}	69, 32.481, 330.296
Yxy	39.8454, 0.3230, 0.2723
Android (android.graphics.Color)	4291795143 (0xFFCF98C7)
YUV	173.8030, 12.4221, 29.1138
Hunter-Lab	63.1232, 23.2023, -11.4492

Details

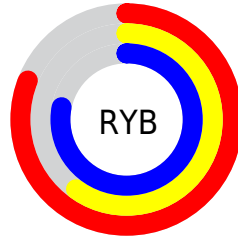
The RYB color **207, 152, 199** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **152, 200, 207**, and the grayscale version is **174, 174, 174**.

A 20% lighter version of the original color is **255, 207, 255**, and **152, 100, 145** is the 20% darker color. If you saturate the color by 10%, you get **207, 131, 196**, and if you desaturate by 10%, it is **207, 173, 202**.

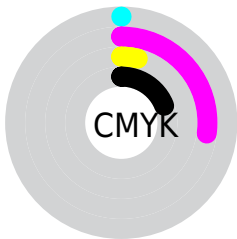
Distribution



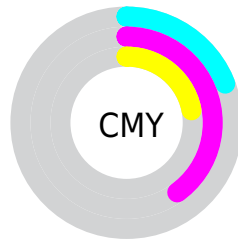
- Red (81%)
- Green (60%)
- Blue (78%)



- Red (81%)
- Yellow (60%)
- Blue (78%)



- Cyan (0%)
- Magenta (27%)
- Yellow (4%)
- Black (19%)



- Cyan (19%)
- Magenta (40%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the RYB color 207, 152, 199 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 207, 152, 199 by changing the saturation by 10% instead.

 207, 152, 199


255, 255, 255

 255, 207, 255


 255, 235, 255

 207, 152, 199

 179, 126, 172

 152, 100, 145

 126, 76, 119


 100, 52, 95


 75, 29, 71


 51, 5, 48

 33, 0, 28

 0, 0, 0

 207, 152, 199

 207, 152, 199

 207, 131, 196

 207, 173, 202

 207, 111, 193

 207, 193, 205

 207, 90, 190

 207, 213, 214

 207, 69, 187

 207, 232, 235

 207, 49, 184

 207, 249, 255

 207, 28, 181

 207, 247, 255

 207, 7, 178

 207, 245, 255

 207, 0, 177

 207, 243, 255

 207, 241, 255

Harmonies

Analogous

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



174, 162, 220



207, 152, 199



225, 147, 170

Triad

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



207, 152, 199



139, 189, 110



68, 130, 198

Complementary

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



207, 152, 199



152, 200, 207

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.



89, 141, 185



207, 152, 199



118, 177, 137

Square

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



207, 152, 199



213, 186, 119



124, 171, 183



87, 142, 220

Rectangle

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



207, 152, 199



228, 148, 150



124, 171, 183



72, 129, 189

Sweetspot

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



207, 152, 199



255, 235, 252



159, 152, 207



128, 115, 126



0, 0, 0



128, 128, 128

Same Dimension

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



207, 152, 199



255, 173, 243



207, 152, 172



105, 94, 103



168, 0, 144



41, 0, 35

Inverse Universe

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



207, 152, 199



255, 173, 243



152, 186, 207



105, 94, 103



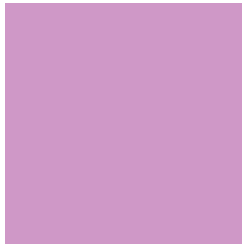
168, 0, 144



41, 0, 35

Previews

White Background



This preview shows how the RYB color 207, 152, 199 looks on a white background.

Color Contrast Check

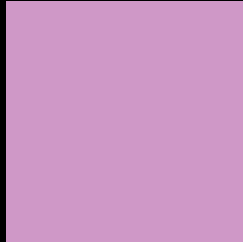
Large Text (above 18pt) WCAG AA × Fail

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 207, 152, 199 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

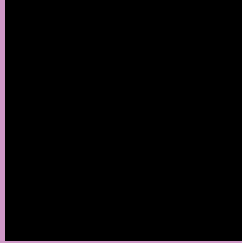
Any Text WCAG AA ✓ Pass

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 207, 152, 199 Background



This preview shows how black text looks on a background with the RYB color 207, 152, 199.



This preview shows how white text looks on a background with the RYB color 207, 152, 199.

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
207, 152, 199

Protanopia
160, 167, 210

Deuteranopia
173, 165, 196



Tritanopia
203, 157, 170

Trichromacy



Original Color
207, 152, 199

Protanomaly
177, 162, 206

Deuteranomaly
185, 160, 197

Tritanomaly
204, 155, 181

Monochromacy



Original Color
207, 152, 199

Achromatopsia
174, 174, 174

Achromatomaly
186, 166, 183

CSS Examples

Text

The CSS property to change the color of the text to RYB 207, 152, 199 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(207, 152, 199)` looks like.

```
.text, #text, p{  
    color:rgb(207, 152, 199)  
}
```

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(207, 152, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 152, 199) }
```

Border

The CSS property to change the border of an element to RYB 207, 152, 199 is called "border". The border property can be set on classes, ids or directly on the HTML element.

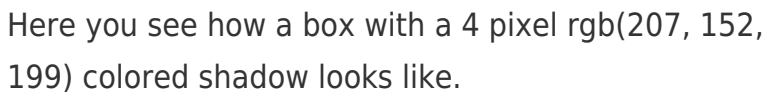
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(207, 152, 199) }
```

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

```
.border{ border-color:rgb(207, 152, 199) }
```

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



Here you see how a box with a 4 pixel `rgb(207, 152, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 152, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 152, 199);  
box-shadow:4px 4px 4px 4px rgb(207, 152,  
199) }
```

Background

The CSS property to change the background color of an element to RYB 207, 152, 199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 152, 199) }
```

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

```
.background{ background-color: rgb(207,  
152, 199) }
```

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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