

Converting Colors

`RYB(203, 131, 152)`

Have a look what the booklet for RYB(203, 131, 152) contains.

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Color

R_YB(203, 131, 152)

Conversions

Conversions Part 1

Format	Color
Hex	CB8398
RGB	203, 131, 152
RGB Percent	80%, 51%, 60%
CMY	0.2039, 0.4863, 0.4039
CMYK	0.00, 0.35, 0.25, 0.20
HSL	342°, 41%, 65%
HSV	342°, 35%, 80%
XYZ	38.4124, 31.1961, 33.7027
YIQ	154.9220, 36.1710, 21.7950

Conversions

Conversions Part 2

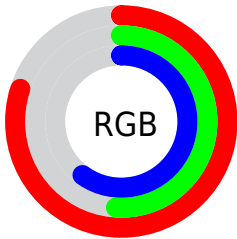
Format	Color
R _Y B	203, 131, 152
Decimal	13337496
CIE Lab	62.67, 30.56, 0.35
CIE LCh	63, 30.565, 0.662
Yxy	31.1961, 0.3718, 0.3020
Android (android.graphics.Color)	4291527576 (0xFFCB8398)
YUV	154.9220, -1.4405, 42.1644
Hunter-Lab	55.8535, 25.0171, 3.3211

Details

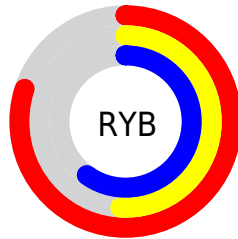
The RYB color **203, 131, 152** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **131, 173, 203**, and the grayscale version is **155, 155, 155**.

A 20% lighter version of the original color is **255, 185, 206**, and **147, 80, 101** is the 20% darker color. If you saturate the color by 10%, you get **203, 111, 138**, and if you desaturate by 10%, it is **203, 151, 166**.

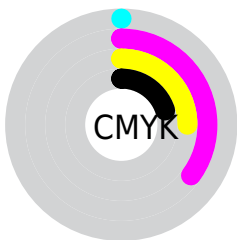
Distribution



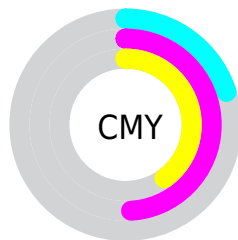
- Red (80%)
- Green (51%)
- Blue (60%)



- Red (80%)
- Yellow (51%)
- Blue (60%)



- Cyan (0%)
- Magenta (35%)
- Yellow (25%)
- Black (20%)



- Cyan (20%)
- Magenta (49%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the RYB color 203, 131, 152 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, 131, 152 by changing the saturation by 10% instead.

 203, 131, 152

255, 255, 255

 255, 185, 206


 255, 213, 234

 255, 241, 255

 203, 131, 152

 175, 105, 126

 147, 80, 101

 120, 56, 77

 94, 32, 55

 69, 7, 33

 46, 0, 10


 0, 0, 0


 203, 131, 152


 203, 111, 138


 203, 131, 152


 203, 151, 166

 203, 90, 123


 203, 172, 181

 203, 70, 109

 203, 192, 195

 203, 50, 94

 203, 208, 212

 203, 30, 80

 203, 221, 233

 203, 9, 66

 203, 232, 253

 203, 0, 59

 203, 230, 255

 203, 229, 255

Harmonies

Analogous

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



187, 135, 179



203, 131, 152



204, 134, 125

Triad

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



203, 131, 152



104, 158, 121



75, 126, 198

Complementary

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



203, 131, 152



131, 173, 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.



56, 114, 178



203, 131, 152



109, 152, 164

Square

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



203, 131, 152



125, 170, 97



77, 126, 166



115, 142, 205

Rectangle

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



203, 131, 152



197, 150, 111



77, 126, 166



64, 120, 193

Sweetspot

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



203, 131, 152



255, 227, 235



181, 131, 203



128, 111, 116



0, 0, 0



128, 128, 128

Same Dimension

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



203, 131, 152



255, 145, 177



203, 148, 131



102, 92, 95



166, 0, 48



38, 0, 11

Inverse Universe

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



203, 131, 152



255, 145, 177



131, 163, 203



102, 92, 95



166, 0, 48



38, 0, 11

Previews

White Background



This preview shows how the RYB color 203, 131, 152 looks on a white background.

Color Contrast Check

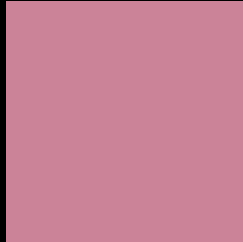
Large Text (above 18pt) WCAG AA × Fail

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, 131, 152 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

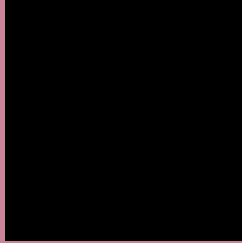
Any Text WCAG AA ✓ Pass

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, 131, 152 Background



This preview shows how black text looks on a background with the RYB color 203, 131, 152.

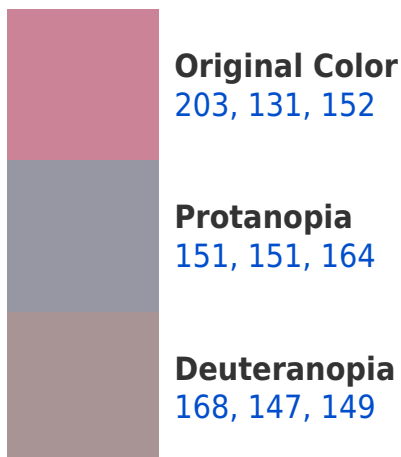



This preview shows how white text looks on a background with the RYB color 203, 131, 152.

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
202, 133, 143

Trichromacy



Original Color

203, 131, 152

Protanomaly

170, 144, 160

Deuteranomaly

181, 141, 150

Tritanomaly

202, 132, 146

Monochromacy



Original Color

203, 131, 152

Achromatopsia

155, 155, 155

Achromatomaly

172, 146, 154

CSS Examples

Text

The CSS property to change the color of the text to RYB 203, 131, 152 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, 131, 152) looks like.

```
.text, #text, p{  
    color:rgb(203, 131, 152)  
}
```

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, 131, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 131, 152) }
```

Border

The CSS property to change the border of an element to RYB 203, 131, 152 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, 131, 152) }
```

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

```
.border{ border-color:rgb(203, 131, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 131, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 131, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 131, 152);  
box-shadow:4px 4px 4px 4px rgb(203, 131,  
152) }
```

Background

The CSS property to change the background color of an element to RYB 203, 131, 152 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 131, 152) }
```

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

```
.background{ background-color: rgb(203,  
131, 152) }
```

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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