

Converting Colors

`RYB(202, 151, 163)`

Have a look what the booklet for
RYB(202, 151, 163) contains.

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Color

R_YB(202, 151, 163)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | CA97A3 |
| RGB | 202, 151, 163 |
| RGB Percent | 79%, 59%, 64% |
| CMY | 0.2078, 0.4078, 0.3608 |
| CMYK | 0.00, 0.25, 0.19, 0.21 |
| HSL | 346°, 32%, 69% |
| HSV | 346°, 25%, 79% |
| XYZ | 42.0346, 37.3341, 39.6411 |
| YIQ | 167.6170, 26.5440, 14.5440 |

Conversions

Conversions Part 2

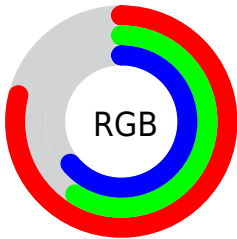
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 202, 151, 163 |
| Decimal | 13277091 |
| CIE _{Lab} | 67.53, 20.91, 1.20 |
| CIE _{LCh} | 68, 20.947, 3.290 |
| Yxy | 37.3341, 0.3532, 0.3137 |
| Android (android.graphics.Color) | 4291467171 (0xFFCA97A3) |
| YUV | 167.6170, -2.2762, 30.1539 |
| Hunter-Lab | 61.1017, 15.8703, 4.3054 |

Details

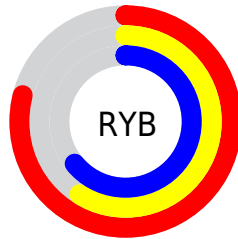
The RYB color **202, 151, 163** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **151, 180, 202**, and the grayscale version is **168, 168, 168**.

A 20% lighter version of the original color is **255, 206, 218**, and **147, 100, 111** is the 20% darker color. If you saturate the color by 10%, you get **202, 131, 148**, and if you desaturate by 10%, it is **202, 171, 178**.

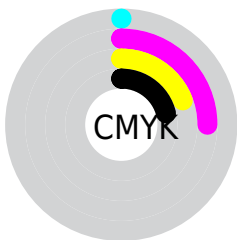
Distribution



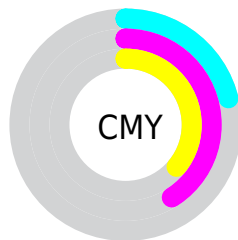
- Red (79%)
- Green (59%)
- Blue (64%)



- Red (79%)
- Yellow (59%)
- Blue (64%)



- Cyan (0%)
- Magenta (25%)
- Yellow (19%)
- Black (21%)



- Cyan (21%)
- Magenta (41%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the RYB color 202, 151, 163 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 202, 151, 163 by changing the saturation by 10% instead.


 202, 151, 163

255, 255, 255


 255, 206, 218

 255, 234, 246


 202, 151, 163

 174, 125, 137

 147, 100, 111

 121, 75, 87

 95, 52, 64


 71, 30, 42


 47, 8, 22

 22, 0, 0


 0, 0, 0

 202, 151, 163

 202, 151, 163

 202, 131, 148


 202, 171, 178

 202, 111, 132

 202, 191, 194

 202, 90, 117


 202, 208, 212

 202, 70, 101


 202, 219, 232

 202, 50, 86

 202, 230, 252

 202, 30, 70

 202, 229, 255

 202, 10, 55

 202, 0, 48

Harmonies

Analogous

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



191, 153, 182



202, 151, 163



203, 154, 145

Triad

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



202, 151, 163



133, 170, 147



122, 152, 198

Complementary

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



202, 151, 163



151, 180, 202

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.



112, 145, 184



202, 151, 163



135, 165, 174

Square

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



202, 151, 163



145, 177, 127



117, 148, 175



145, 160, 202

Rectangle

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



202, 151, 163



197, 167, 135



117, 148, 175



117, 149, 194

Sweetspot

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



202, 151, 163



255, 235, 239



189, 151, 202



128, 115, 118



0, 0, 0



128, 128, 128

Same Dimension

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



202, 151, 163



255, 179, 197



202, 168, 151



102, 92, 94



166, 0, 39



38, 0, 9

Inverse Universe

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



202, 151, 163



255, 179, 197



151, 173, 202



102, 92, 94



166, 0, 39



38, 0, 9

Previews

White Background



This preview shows how the RYB color 202, 151, 163 looks on a white background.

Color Contrast Check

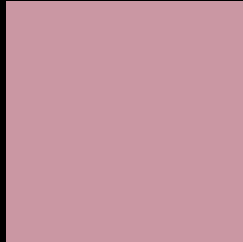
Large Text (above 18pt) WCAG AA × Fail

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 202, 151, 163 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 202, 151, 163 Background



This preview shows how black text looks on a background with the RYB color 202, 151, 163.



This preview shows how white text looks on a background with the RYB color 202, 151, 163.

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
202, 151, 163

Protanopia
166, 164, 170

Deuteranopia
182, 159, 161



Tritanopia
202, 151, 163

Trichromacy



Original Color
202, 151, 163

Protanomaly
179, 159, 167

Deuteranomaly
189, 156, 162

Tritanomaly
202, 151, 163

Monochromacy



Original Color
202, 151, 163

Achromatopsia
168, 168, 168

Achromatomaly
180, 162, 166

CSS Examples

Text

The CSS property to change the color of the text to RYB 202, 151, 163 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(202, 151, 163) looks like.

```
.text, #text, p{  
    color:rgb(202, 151, 163)  
}
```

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(202, 151, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 151, 163) }
```

Border

The CSS property to change the border of an element to RYB 202, 151, 163 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(202, 151, 163) }
```

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

```
.border{ border-color:rgb(202, 151, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 151, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 151, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 151, 163);  
box-shadow:4px 4px 4px 4px rgb(202, 151,  
163) }
```

Background

The CSS property to change the background color of an element to RGB 202, 151, 163 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 151, 163) }
```

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

```
.background{ background-color: rgb(202,  
151, 163) }
```

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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