

Converting Colors

`RYB(191, 150, 163)`

Have a look what the booklet for
RYB(191, 150, 163) contains.

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Color

$\text{RYB}(191, 150, 163)$

Conversions

Conversions Part 1

Format	Color
Hex	BF96A3
RGB	191, 150, 163
RGB Percent	75%, 59%, 64%
CMY	0.2510, 0.4118, 0.3608
CMYK	0.00, 0.21, 0.15, 0.25
HSL	341°, 24%, 67%
HSV	341°, 21%, 75%
XYZ	39.0031, 35.5334, 39.4533
YIQ	163.7410, 20.2630, 12.7350

Conversions

Conversions Part 2

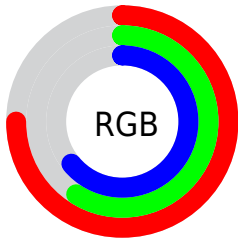
Format	Color
RYB	191, 150, 163
Decimal	12555939
CIELab	66.16, 17.41, -0.93
CIELCh	66, 17.434, 356.956
Yxy	35.5334, 0.3422, 0.3117
Android (android.graphics.Color)	4290746019 (0xFFBF96A3)
YUV	163.7410, -0.3653, 23.9061
Hunter-Lab	59.6099, 12.4761, 2.4854

Details

The RYB color **191, 150, 163** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **150, 174, 191**, and the grayscale version is **164, 164, 164**.

A 20% lighter version of the original color is **248, 204, 218**, and **137, 99, 111** is the 20% darker color. If you saturate the color by 10%, you get **191, 131, 150**, and if you desaturate by 10%, it is **191, 169, 176**.

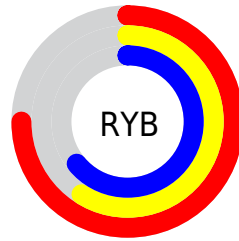
Distribution



Red (75%)

Green (59%)

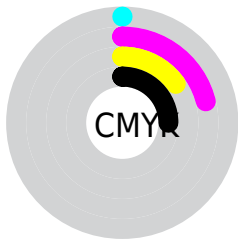
Blue (64%)



Red (75%)

Yellow (59%)

Blue (64%)

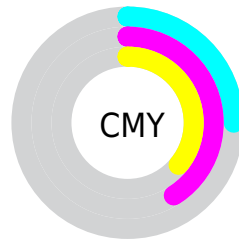


Cyan (0%)

Magenta (21%)

Yellow (15%)

Black (25%)



Cyan (25%)


Magenta (41%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the RYB color 191, 150, 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 191, 150, 163 by changing the saturation by 10% instead.


 191, 150, 163

255, 255, 255


 248, 204, 218

 255, 233, 246

 191, 150, 163

 164, 124, 137

 137, 99, 111

 111, 75, 87


 86, 52, 64


 62, 30, 42


 40, 8, 21


 2, 0, 0


 0, 0, 0


 191, 150, 163


 191, 150, 163


 191, 131, 150


 191, 169, 176

 191, 112, 137

 191, 188, 189


 191, 93, 124

 191, 200, 207


 191, 74, 111

 191, 212, 226


 191, 55, 98


 191, 224, 246


 191, 35, 85

 191, 227, 255

 191, 16, 72

 191, 223, 255

 191, 0, 61

 191, 223, 255

Harmonies

Analogous

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



180, 153, 178



191, 150, 163



193, 151, 147

Triad

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



191, 150, 163



133, 164, 139



125, 150, 186

Complementary

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



191, 150, 163



150, 174, 191

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.



119, 145, 174



191, 150, 163



140, 165, 168

Square

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



191, 150, 163



155, 175, 130



125, 151, 170



141, 156, 192

Rectangle

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



191, 150, 163



190, 158, 139



125, 151, 170



121, 148, 183

Sweetspot

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



191, 150, 163



247, 233, 237



177, 150, 191



125, 116, 119



252, 252, 252



125, 125, 125

Same Dimension

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



191, 150, 163



247, 183, 203



191, 158, 150



94, 85, 88



158, 0, 50



31, 0, 10

Inverse Universe

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



191, 150, 163



247, 183, 203



150, 169, 191



94, 85, 88



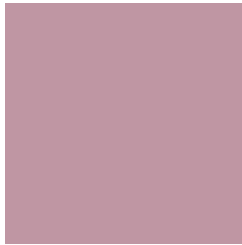
158, 0, 50



31, 0, 10

Previews

White Background



This preview shows how the RYB color 191, 150, 163 looks on a white background.

Color Contrast Check

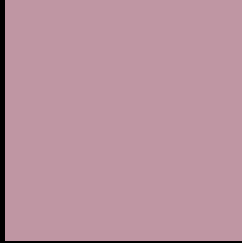
Large Text (above 18pt) WCAG AA × Fail

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 191, 150, 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](#).

RGB 191, 150, 163 Background



This preview shows how black text looks on a background with the RGB color 191, 150, 163.



This preview shows how white text looks on a background with the RGB color 191, 150, 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





Tritanopia
191, 150, 162

Trichromacy



Original Color

191, 150, 163

Protanomaly

173, 156, 167

Deuteranomaly

181, 154, 162

Tritanomaly

191, 150, 162

Monochromacy



Original Color

191, 150, 163

Achromatopsia

164, 164, 164

Achromatomaly

174, 159, 164

CSS Examples

Text

The CSS property to change the color of the text to RYB 191, 150, 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(191, 150, 163) looks like.

```
.text, #text, p{  
    color:rgb(191, 150, 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(191, 150, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 150, 163) }
```

Border

The CSS property to change the border of an element to RYB 191, 150, 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(191, 150, 163) }
```

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

```
.border{ border-color:rgb(191, 150, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 150, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 150, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 150, 163);  
box-shadow:4px 4px 4px 4px rgb(191, 150,  
163) }
```

Background

The CSS property to change the background color of an element to RYB 191, 150, 163 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 150, 163) }
```

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

```
.background{ background-color: rgb(191,  
150, 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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