

Converting Colors

`RYB(192, 141, 163)`

Have a look what the booklet for RYB(192, 141, 163) contains.

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Color

R_YB(192, 141, 163)

Conversions

Conversions Part 1

Format	Color
Hex	C08DA3
RGB	192, 141, 163
RGB Percent	75%, 55%, 64%
CMY	0.2471, 0.4471, 0.3608
CMYK	0.00, 0.27, 0.15, 0.25
HSL	334°, 29%, 65%
HSV	334°, 27%, 75%
XYZ	37.8740, 32.9006, 39.0046
YIQ	158.7570, 23.3340, 17.6540

Conversions

Conversions Part 2

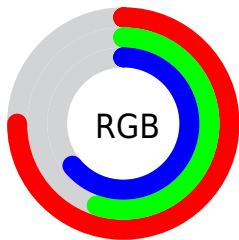
Format	Color
RYB	192, 141, 163
Decimal	12619171
CIELab	64.08, 22.76, -3.97
CIELCh	64, 23.105, 350.101
Yxy	32.9006, 0.3450, 0.2997
Android (android.graphics.Color)	4290809251 (0xFFC08DA3)
YUV	158.7570, 2.0918, 29.1541
Hunter-Lab	57.3590, 17.4847, -0.1664

Details

The RYB color **192, 141, 163** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **141, 174, 192**, and the grayscale version is **159, 159, 159**.

A 20% lighter version of the original color is **249, 195, 218**, and **138, 90, 111** is the 20% darker color. If you saturate the color by 10%, you get **192, 122, 152**, and if you desaturate by 10%, it is **192, 160, 174**.

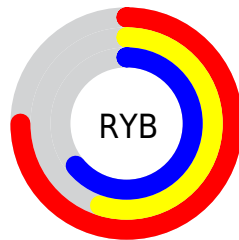
Distribution



Red (75%)

Green (55%)

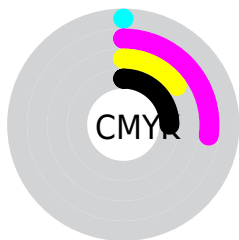
Blue (64%)



Red (75%)

Yellow (55%)

Blue (64%)

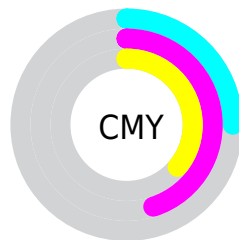


Cyan (0%)

Magenta (27%)

Yellow (15%)

Black (25%)



Cyan (25%)

Magenta (45%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the RYB color 192, 141, 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 192, 141, 163 by changing the saturation by 10% instead.


 192, 141, 163


255, 255, 255

 249, 195, 218


 255, 223, 246

 255, 252, 255

 192, 141, 163

 164, 115, 137

 138, 90, 111


 112, 66, 87


 87, 43, 64

 62, 21, 42


 40, 0, 22


 0, 0, 0

 192, 141, 163

 192, 122, 152


 192, 141, 163


 192, 160, 174

 192, 103, 141

 192, 179, 185

 192, 83, 130

 192, 196, 199

 192, 64, 119

 192, 208, 218

 192, 45, 108

 192, 221, 237

 192, 26, 97

 192, 232, 255

 192, 7, 87

 192, 228, 255

 192, 0, 83

 192, 225, 255

 192, 224, 255

Harmonies

Analogous

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



175, 145, 182



192, 141, 163



197, 141, 142

Triad

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



192, 141, 163



116, 158, 118



99, 136, 186

Complementary

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



192, 141, 163



141, 174, 192

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.



96, 132, 169



192, 141, 163



128, 164, 160

Square

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



192, 141, 163



157, 177, 115



110, 143, 166



121, 146, 195

Rectangle

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



192, 141, 163



195, 146, 130



110, 143, 166



96, 134, 181

Sweetspot

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



192, 141, 163



250, 230, 239



170, 141, 192



125, 112, 118



252, 252, 252



125, 125, 125

Same Dimension

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



192, 141, 163



250, 170, 204



192, 144, 141



97, 87, 91



161, 0, 69



33, 0, 14

Inverse Universe

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



192, 141, 163



250, 170, 204



141, 166, 192



97, 87, 91



161, 0, 69



33, 0, 14

Previews

White Background



This preview shows how the RYB color 192, 141, 163 looks on a white background.

Color Contrast Check

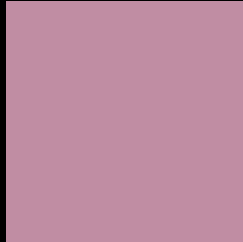
Large Text (above 18pt) WCAG AA × Fail

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 192, 141, 163 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

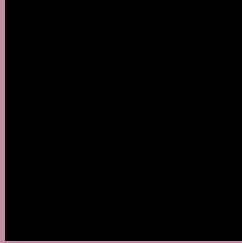
Any Text WCAG AA ✓ Pass

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 192, 141, 163 Background



This preview shows how black text looks on a background with the RYB color 192, 141, 163.



This preview shows how white text looks on a background with the RYB color 192, 141, 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
[192, 141, 163](#)

Protanopia
[154, 155, 171](#)

Deuteranopia
[168, 151, 161](#)



Tritanopia
191, 143, 154

Trichromacy



Original Color

192, 141, 163

Protanomaly

168, 150, 168

Deuteranomaly

177, 147, 162

Tritanomaly

191, 142, 157

Monochromacy



Original Color

192, 141, 163

Achromatopsia

159, 159, 159

Achromatomaly

171, 152, 160

CSS Examples

Text

The CSS property to change the color of the text to RYB 192, 141, 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(192, 141, 163) looks like.

```
.text, #text, p{  
    color:rgb(192, 141, 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(192, 141, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 141, 163) }
```

Border

The CSS property to change the border of an element to RYB 192, 141, 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(192, 141, 163) }
```

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

```
.border{ border-color:rgb(192, 141, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 141, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 141, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 141, 163);  
box-shadow:4px 4px 4px 4px rgb(192, 141,  
163) }
```

Background

The CSS property to change the background color of an element to RYB 192, 141, 163 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 141, 163) }
```

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

```
.background{ background-color: rgb(192,  
141, 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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