

Converting Colors

`RYB(192, 163, 167)`

Have a look what the booklet for
RYB(192, 163, 167) contains.

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Color

`RYB(192, 163, 167)`

Conversions

Conversions Part 1

Format	Color
Hex	C0A3A7
RGB	192, 163, 167
RGB Percent	75%, 64%, 65%
CMY	0.2471, 0.3608, 0.3451
CMYK	0.00, 0.15, 0.13, 0.25
HSL	352°, 19%, 70%
HSV	352°, 15%, 75%
XYZ	41.8105, 40.1909, 42.1132
YIQ	172.1270, 16.0000, 7.3920

Conversions

Conversions Part 2

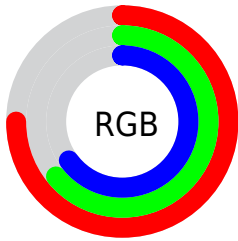
Format	Color
RYB	192, 163, 167
Decimal	12624807
CIELab	69.61, 11.28, 1.88
CIElCh	70, 11.431, 9.447
Yxy	40.1909, 0.3369, 0.3238
Android (android.graphics.Color)	4290814887 (0xFFC0A3A7)
YUV	172.1270, -2.5276, 17.4286
Hunter-Lab	63.3963, 6.7790, 4.9919

Details

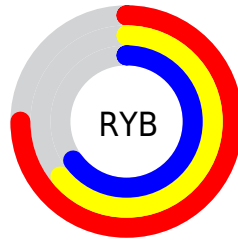
The RYB color **192, 163, 167** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **163, 179, 192**, and the grayscale version is **172, 172, 172**.

A 20% lighter version of the original color is **249, 218, 222**, and **138, 111, 115** is the 20% darker color. If you saturate the color by 10%, you get **192, 144, 150**, and if you desaturate by 10%, it is **192, 182, 184**.

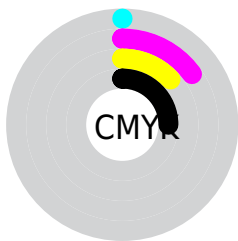
Distribution



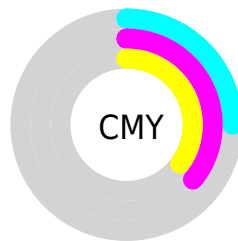
- Red (75%)
- Green (64%)
- Blue (65%)



- Red (75%)
- Yellow (64%)
- Blue (65%)



- Cyan (0%)
- Magenta (15%)
- Yellow (13%)
- Black (25%)



- Cyan (25%)
- Magenta (36%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the RYB color 192, 163, 167 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, 163, 167 by changing the saturation by 10% instead.


 192, 163, 167

255, 255, 255

 249, 218, 222

 255, 246, 251

 192, 163, 167

 165, 137, 141

 138, 111, 115

 113, 87, 91


 88, 63, 67


 64, 41, 45


 42, 21, 25

 21, 0, 0


 0, 0, 0


 192, 163, 167


 192, 163, 167

 192, 144, 150

 192, 182, 184

 192, 125, 134

 192, 197, 201

 192, 105, 117

 192, 208, 221

 192, 86, 101

 192, 218, 240

 192, 67, 84

 192, 225, 255

 192, 48, 68

 192, 224, 255

 192, 29, 51

 192, 9, 35

 192, 0, 26

Harmonies

Analogous

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



187, 164, 178



192, 163, 167



191, 166, 157

Triad

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



192, 163, 167



154, 173, 164



151, 165, 189

Complementary

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



192, 163, 167



163, 179, 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.



145, 162, 183



192, 163, 167



152, 169, 176

Square

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



192, 163, 167



156, 175, 150



145, 161, 176



163, 169, 190

Rectangle

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



192, 163, 167



188, 174, 153



145, 161, 176



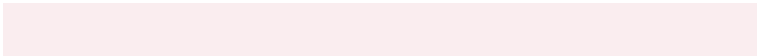
148, 164, 187

Sweetspot

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



192, 163, 167



250, 237, 239



188, 163, 192



125, 117, 118



252, 252, 252



125, 125, 125

Same Dimension

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



192, 163, 167



250, 205, 211



192, 178, 163



97, 87, 89



161, 0, 22



33, 0, 5

Inverse Universe

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



192, 163, 167



250, 205, 211



163, 174, 192



97, 87, 89



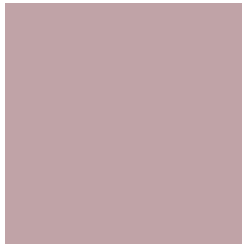
161, 0, 22



33, 0, 5

Previews

White Background



This preview shows how the RYB color 192, 163, 167 looks on a white background.

Color Contrast Check

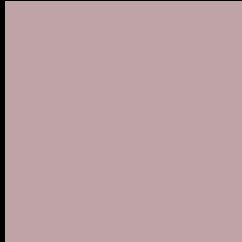
Large Text (above 18pt) WCAG AA × Fail

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, 163, 167 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

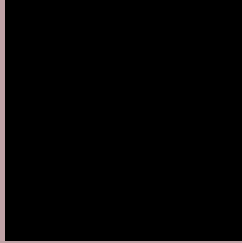
Any Text WCAG AA ✓ Pass

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, 163, 167 Background



This preview shows how black text looks on a background with the RYB color 192, 163, 167.



This preview shows how white text looks on a background with the RYB color 192, 163, 167.

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, 163, 167

Protanopia

173, 169, 171

Deuteranopia

188, 165, 167



Tritanopia

193, 162, 174

Trichromacy



Original Color
192, 163, 167

Protanomaly
180, 167, 170

Deuteranomaly
189, 164, 167

Tritanomaly
193, 162, 171

Monochromacy



Original Color
192, 163, 167

Achromatopsia
172, 172, 172

Achromatomaly
179, 169, 170

CSS Examples

Text

The CSS property to change the color of the text to RYB 192, 163, 167 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, 163, 167) looks like.

```
.text, #text, p{  
    color:rgb(192, 163, 167)  
}
```

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, 163, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 163, 167) }
```

Border

The CSS property to change the border of an element to RYB 192, 163, 167 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, 163, 167) }
```

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

```
.border{ border-color:rgb(192, 163, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 163, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 163, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 163, 167);  
box-shadow:4px 4px 4px 4px rgb(192, 163,  
167) }
```

Background

The CSS property to change the background color of an element to RYB 192, 163, 167 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 163, 167) }
```

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

```
.background{ background-color: rgb(192,  
163, 167) }
```

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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