

Converting Colors

`RYB(198, 162, 170)`

Have a look what the booklet for
RYB(198, 162, 170) contains.

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Color

R_YB(198, 162, 170)

Conversions

Conversions Part 1

Format	Color
Hex	C6A2AA
RGB	198, 162, 170
RGB Percent	78%, 64%, 67%
CMY	0.2235, 0.3647, 0.3333
CMYK	0.00, 0.18, 0.14, 0.22
HSL	347°, 24%, 71%
HSV	347°, 18%, 78%
XYZ	43.4647, 40.7487, 43.6047
YIQ	173.6760, 18.8880, 10.1200

Conversions

Conversions Part 2

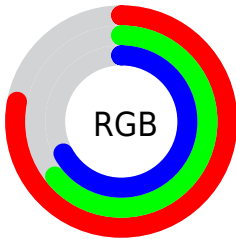
Format	Color
RYB	198, 162, 170
Decimal	13017770
CIELab	70.00, 14.53, 0.86
CIELCh	70, 14.552, 3.371
Yxy	40.7487, 0.3401, 0.3188
Android (android.graphics.Color)	4291207850 (0xFFC6A2AA)
YUV	173.6760, -1.8123, 21.3321
Hunter-Lab	63.8347, 9.8290, 4.1841

Details

The RYB color **198, 162, 170** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **162, 182, 198**, and the grayscale version is **174, 174, 174**.

A 20% lighter version of the original color is **255, 217, 225**, and **144, 110, 118** is the 20% darker color. If you saturate the color by 10%, you get **198, 142, 155**, and if you desaturate by 10%, it is **198, 182, 185**.

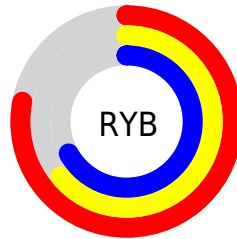
Distribution



Red (78%)

Green (64%)

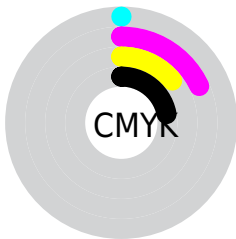
Blue (67%)



Red (78%)

Yellow (64%)

Blue (67%)

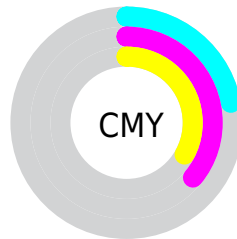


Cyan (0%)

Magenta (18%)

Yellow (14%)

Black (22%)



Cyan (22%)

Magenta (36%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the RYB color 198, 162, 170 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 198, 162, 170 by changing the saturation by 10% instead.


 198, 162, 170


255, 255, 255


 255, 217, 225

 255, 245, 254

 198, 162, 170

 171, 136, 144

 144, 110, 118

 118, 86, 93


 93, 62, 70


 69, 40, 47

 46, 19, 27

 28, 0, 1

 0, 0, 0

 198, 162, 170

 198, 162, 170

 198, 142, 155


 198, 182, 185

 198, 122, 139

 198, 200, 202

 198, 103, 124

 198, 211, 221

 198, 83, 108

 198, 222, 241

 198, 63, 93

 198, 229, 255

 198, 43, 78

 198, 227, 255

 198, 23, 62

 198, 4, 47

 198, 0, 44

Harmonies

Analogous

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



190, 164, 183



198, 162, 170



199, 164, 157

Triad

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



198, 162, 170



149, 175, 159



144, 164, 194

Complementary

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



198, 162, 170



162, 182, 198

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.



137, 159, 185



198, 162, 170



151, 172, 178

Square

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



198, 162, 170



157, 180, 145



140, 161, 179



159, 169, 197

Rectangle

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



198, 162, 170



195, 173, 150



140, 161, 179



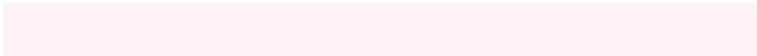
141, 162, 192

Sweetspot

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



198, 162, 170



255, 242, 245



190, 162, 198



128, 120, 122



0, 0, 0



128, 128, 128

Same Dimension

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



198, 162, 170



255, 199, 211



198, 176, 162



99, 90, 92



163, 0, 36



36, 0, 8

Inverse Universe

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



198, 162, 170



255, 199, 211



162, 177, 198



99, 90, 92



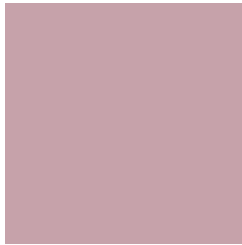
163, 0, 36



36, 0, 8

Previews

White Background



This preview shows how the RYB color 198, 162, 170 looks on a white background.

Color Contrast Check

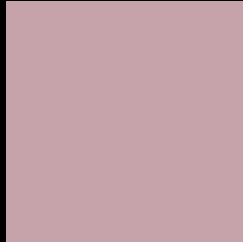
Large Text (above 18pt) WCAG AA × Fail

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 198, 162, 170 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

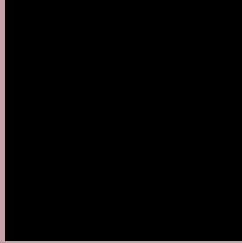
Any Text WCAG AA ✓ Pass

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 198, 162, 170 Background



This preview shows how black text looks on a background with the RYB color 198, 162, 170.



This preview shows how white text looks on a background with the RYB color 198, 162, 170.

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
198, 162, 170

Protanopia
173, 170, 175

Deuteranopia
188, 166, 169



Tritanopia
198, 161, 174

Trichromacy



Original Color
198, 162, 170

Protanomaly
182, 167, 173

Deuteranomaly
192, 165, 169

Tritanomaly
198, 161, 173

Monochromacy



Original Color
198, 162, 170

Achromatopsia
174, 174, 174

Achromatomaly
183, 170, 173

CSS Examples

Text

The CSS property to change the color of the text to RYB 198, 162, 170 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(198, 162, 170)` looks like.

```
.text, #text, p{  
    color:rgb(198, 162, 170)  
}
```

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(198, 162, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 162, 170) }
```

Border

The CSS property to change the border of an element to RYB 198, 162, 170 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(198, 162, 170) }
```

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

```
.border{ border-color:rgb(198, 162, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 162, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 162, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 162, 170);  
box-shadow:4px 4px 4px 4px rgb(198, 162,  
170) }
```

Background

The CSS property to change the background color of an element to RYB 198, 162, 170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 162, 170) }
```

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

```
.background{ background-color: rgb(198,  
162, 170) }
```

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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