

Converting Colors

`RYB(196, 162, 170)`

Have a look what the booklet for
RYB(196, 162, 170) contains.

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Color

R_YB(196, 162, 170)

Conversions

Conversions Part 1

Format	Color
Hex	C4A2AA
RGB	196, 162, 170
RGB Percent	77%, 64%, 67%
CMY	0.2314, 0.3647, 0.3333
CMYK	0.00, 0.17, 0.13, 0.23
HSL	346°, 22%, 70%
HSV	346°, 17%, 77%
XYZ	42.9410, 40.4787, 43.5801
YIQ	173.0780, 17.6960, 9.6960

Conversions

Conversions Part 2

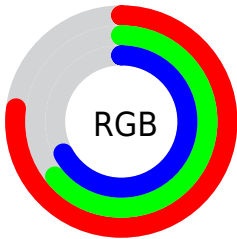
Format	Color
RYB	196, 162, 170
Decimal	12886698
CIELab	69.81, 13.79, 0.56
CIELCh	70, 13.805, 2.305
Yxy	40.4787, 0.3381, 0.3187
Android (android.graphics.Color)	4291076778 (0xFFC4A2AA)
YUV	173.0780, -1.5175, 20.1026
Hunter-Lab	63.6229, 9.1350, 3.9238

Details

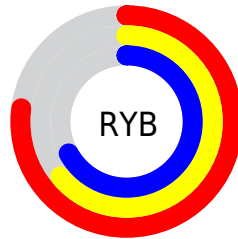
The RYB color **196, 162, 170** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **162, 181, 196**, and the grayscale version is **173, 173, 173**.

A 20% lighter version of the original color is **253, 217, 225**, and **142, 110, 118** is the 20% darker color. If you saturate the color by 10%, you get **196, 142, 155**, and if you desaturate by 10%, it is **196, 182, 185**.

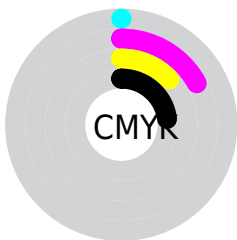
Distribution



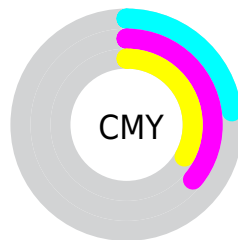
- Red (77%)
- Green (64%)
- Blue (67%)



- Red (77%)
- Yellow (64%)
- Blue (67%)



- Cyan (0%)
- Magenta (17%)
- Yellow (13%)
- Black (23%)



- Cyan (23%)
- Magenta (36%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the RYB color 196, 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 196, 162, 170 by changing the saturation by 10% instead.

 196, 162, 170


255, 255, 255

 253, 217, 225


 255, 245, 254

 196, 162, 170


 169, 136, 144

 142, 110, 118

 116, 86, 93

 91, 62, 70

 67, 40, 47

 44, 19, 27

 26, 0, 1


 0, 0, 0

 196, 162, 170

 196, 162, 170

 196, 142, 155

 196, 182, 185

 196, 123, 140

 196, 199, 201

 196, 103, 125

 196, 210, 221

 196, 84, 110

 196, 221, 240

 196, 64, 95

 196, 228, 255

 196, 44, 80

 196, 226, 255

 196, 25, 65

 196, 5, 50

 196, 0, 46

Harmonies

Analogous

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



188, 164, 182



196, 162, 170



197, 164, 158

Triad

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



196, 162, 170



149, 174, 157



145, 163, 192

Complementary

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



196, 162, 170



162, 181, 196

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.



138, 159, 183



196, 162, 170



152, 172, 177

Square

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



196, 162, 170



160, 180, 146



141, 161, 178



158, 168, 195

Rectangle

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



196, 162, 170



194, 172, 151



141, 161, 178



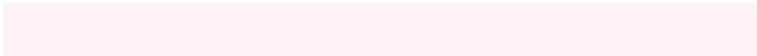
142, 162, 190

Sweetspot

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



196, 162, 170



255, 242, 245



188, 162, 196



128, 120, 122



0, 0, 0



128, 128, 128

Same Dimension

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



196, 162, 170



255, 201, 214



196, 174, 162



97, 87, 89



161, 0, 38



33, 0, 8

Inverse Universe

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



196, 162, 170



255, 201, 214



162, 177, 196



97, 87, 89



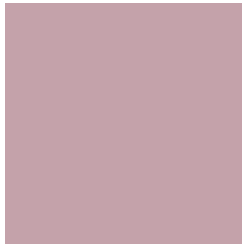
161, 0, 38



33, 0, 8

Previews

White Background



This preview shows how the RYB color 196, 162, 170 looks on a white background.

Color Contrast Check

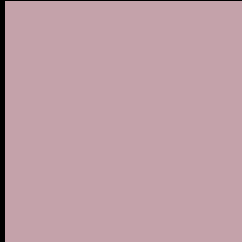
Large Text (above 18pt) WCAG AA × Fail

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 196, 162, 170 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

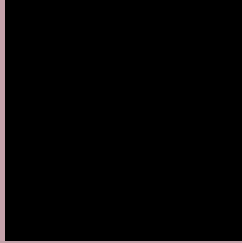
Any Text WCAG AA ✓ Pass

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 196, 162, 170 Background



This preview shows how black text looks on a background with the RYB color 196, 162, 170.



This preview shows how white text looks on a background with the RYB color 196, 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
196, 162, 170

Protanopia
173, 170, 175

Deuteranopia
188, 165, 169



Tritanopia
197, 161, 174

Trichromacy



Original Color

196, 162, 170

Protanomaly

181, 167, 173

Deuteranomaly

191, 164, 169

Tritanomaly

197, 161, 173

Monochromacy



Original Color

196, 162, 170

Achromatopsia

173, 173, 173

Achromatomaly

181, 169, 172

CSS Examples

Text

The CSS property to change the color of the text to RYB 196, 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(196, 162, 170) looks like.

```
.text, #text, p{  
    color:rgb(196, 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(196, 162, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 162, 170) }
```

Border

The CSS property to change the border of an element to RYB 196, 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(196, 162, 170) }
```

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

```
.border{ border-color:rgb(196, 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(196, 162, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 162, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 162, 170);  
box-shadow:4px 4px 4px 4px rgb(196, 162,  
170) }
```

Background

The CSS property to change the background color of an element to RYB 196, 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(196, 162, 170) }
```

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

```
.background{ background-color: rgb(196,  
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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