

Converting Colors

`RYB(201, 162, 164)`

Have a look what the booklet for
RYB(201, 162, 164) contains.

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Color

R_{YB}(201, 162, 164)

Conversions

Conversions Part 1

Format	Color
Hex	C9A2A4
RGB	201, 162, 164
RGB Percent	79%, 64%, 64%
CMY	0.2118, 0.3647, 0.3569
CMYK	0.00, 0.19, 0.18, 0.21
HSL	357°, 27%, 71%
HSV	357°, 19%, 79%
XYZ	43.7086, 40.9385, 40.7202
YIQ	173.8890, 22.6020, 8.8900

Conversions

Conversions Part 2

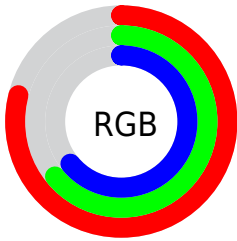
Format	Color
R _Y B	201, 162, 164
Decimal	13214372
CIE Lab	70.13, 14.67, 4.41
CIE LCh	70, 15.320, 16.732
Yxy	40.9385, 0.3486, 0.3265
Android (android.graphics.Color)	4291404452 (0xFFC9A2A4)
YUV	173.8890, -4.8753, 23.7763
Hunter-Lab	63.9832, 9.9673, 7.0549

Details

The RYB color **201, 162, 164** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **162, 182, 201**, and the grayscale version is **174, 174, 174**.

A 20% lighter version of the original color is **255, 217, 219**, and **146, 110, 112** is the 20% darker color. If you saturate the color by 10%, you get **201, 142, 145**, and if you desaturate by 10%, it is **201, 182, 183**.

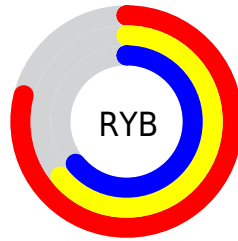
Distribution



Red (79%)

Green (64%)

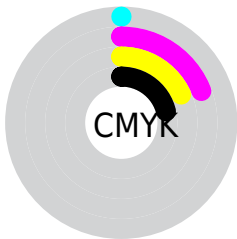
Blue (64%)



Red (79%)

Yellow (64%)

Blue (64%)

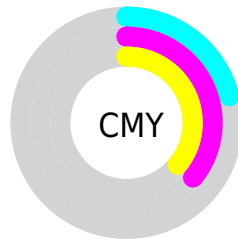


Cyan (0%)

Magenta (19%)

Yellow (18%)

Black (21%)



Cyan (21%)


Magenta (36%)


Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the RYB color 201, 162, 164 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 201, 162, 164 by changing the saturation by 10% instead.

 201, 162, 164

 201, 162, 164

255, 255, 255

 173, 136, 138


 255, 217, 219


 146, 110, 112

 255, 245, 247

 120, 86, 88

 95, 62, 65


 71, 40, 43


 47, 19, 22


 28, 0, 1


 0, 0, 0


 201, 162, 164


 201, 162, 164

 201, 142, 145


 201, 182, 183

 201, 122, 126


 201, 202, 202

 201, 102, 107


 201, 212, 222


 201, 82, 88

 201, 222, 242


 201, 62, 69

 201, 228, 255

 201, 41, 50

 201, 21, 31

 201, 1, 11

 201, 0, 10

Harmonies

Analogous

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



196, 162, 178



201, 162, 164



198, 168, 152

Triad

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



201, 162, 164



152, 177, 171



149, 166, 198

Complementary

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



201, 162, 164



162, 182, 201

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, 160, 191



201, 162, 164



144, 166, 179

Square

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



201, 162, 164



146, 174, 145



136, 158, 180



166, 170, 198

Rectangle

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



201, 162, 164



192, 185, 146



136, 158, 180



144, 164, 197

Sweetspot

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



201, 162, 164



255, 240, 240



198, 162, 201



128, 119, 119



0, 0, 0



128, 128, 128

Same Dimension

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



201, 162, 164



255, 196, 199



201, 192, 162



99, 90, 90



163, 0, 8



36, 0, 2

Inverse Universe

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



201, 162, 164



255, 196, 199



162, 176, 201



99, 90, 90



163, 0, 8



36, 0, 2

Previews

White Background



This preview shows how the RYB color 201, 162, 164 looks on a white background.

Color Contrast Check

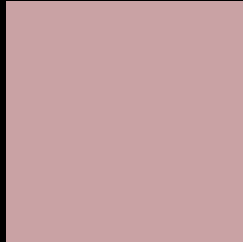
Large Text (above 18pt) WCAG AA × Fail

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 201, 162, 164 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

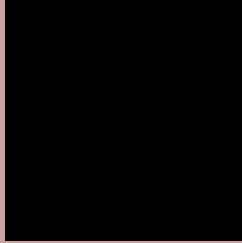
Any Text WCAG AA ✓ Pass

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 201, 162, 164 Background



This preview shows how black text looks on a background with the RYB color 201, 162, 164.

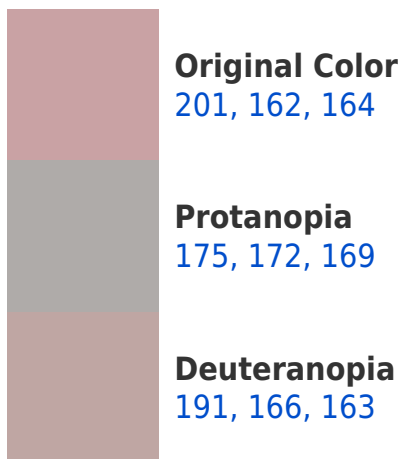



This preview shows how white text looks on a background with the RYB color 201, 162, 164.

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

202, 161, 173

Trichromacy



Original Color

201, 162, 164

Protanomaly

184, 168, 167

Deuteranomaly

195, 165, 163

Tritanomaly

202, 161, 170

Monochromacy



Original Color

201, 162, 164

Achromatopsia

174, 174, 174

Achromatomaly

184, 170, 170

CSS Examples

Text

The CSS property to change the color of the text to RYB 201, 162, 164 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(201, 162, 164) looks like.

```
.text, #text, p{  
    color:rgb(201, 162, 164)  
}
```

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(201, 162, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 162, 164) }
```

Border

The CSS property to change the border of an element to RYB 201, 162, 164 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(201, 162, 164) }
```

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

```
.border{ border-color:rgb(201, 162, 164) }
```

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

Here you see how a box with a 4 pixel rgb(201, 162, 164) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 162, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 162, 164);  
box-shadow:4px 4px 4px 4px rgb(201, 162,  
164) }
```

Background

The CSS property to change the background color of an element to RGB 201, 162, 164 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 162, 164) }
```

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

```
.background{ background-color: rgb(201,  
162, 164) }
```

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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