

Converting Colors

`RYB(209, 162, 168)`

Have a look what the booklet for RYB(209, 162, 168) contains.

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Color

R_YB(209, 162, 168)

Conversions

Conversions Part 1

Format	Color
Hex	D1A2A8
RGB	209, 162, 168
RGB Percent	82%, 64%, 66%
CMY	0.1804, 0.3647, 0.3412
CMYK	0.00, 0.22, 0.20, 0.18
HSL	352°, 34%, 73%
HSV	352°, 22%, 82%
XYZ	46.2827, 42.2231, 42.7563
YIQ	176.7370, 26.0860, 11.8300

Conversions

Conversions Part 2

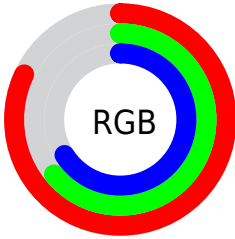
Format	Color
R_{YB}	209, 162, 168
Decimal	13738664
CIE _{Lab}	71.02, 18.26, 3.59
CIE _{LCh}	71, 18.609, 11.108
Yxy	42.2231, 0.3526, 0.3217
Android (android.graphics.Color)	4291928744 (0xFFD1A2A8)
YUV	176.7370, -4.3073, 28.2947
Hunter-Lab	64.9793, 13.4261, 6.4728

Details

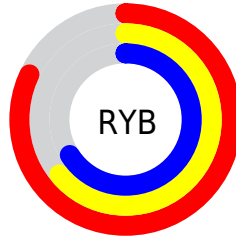
The RYB color **209, 162, 168** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **162, 187, 209**, and the grayscale version is **177, 177, 177**.

A 20% lighter version of the original color is **255, 217, 223**, and **154, 110, 116** is the 20% darker color. If you saturate the color by 10%, you get **209, 141, 150**, and if you desaturate by 10%, it is **209, 183, 186**.

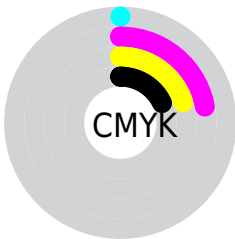
Distribution



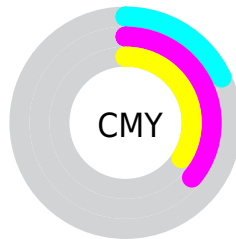
- Red (82%)
- Green (64%)
- Blue (66%)



- Red (82%)
- Yellow (64%)
- Blue (66%)



- Cyan (0%)
- Magenta (22%)
- Yellow (20%)
- Black (18%)



- Cyan (18%)
- Magenta (36%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the RYB color 209, 162, 168 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 209, 162, 168 by changing the saturation by 10% instead.


 209, 162, 168

 209, 162, 168

255, 255, 255

 181, 136, 142

 255, 217, 223

 154, 110, 116

 255, 246, 252

 127, 86, 92

 102, 62, 68


 77, 40, 46

 53, 18, 25

 34, 0, 0


 0, 0, 0

 209, 162, 168

 209, 162, 168

 209, 141, 150

 209, 183, 186

 209, 120, 132

 209, 204, 204

 209, 99, 113

 209, 218, 225

 209, 78, 95

 209, 229, 246

 209, 58, 77

 209, 232, 255

 209, 37, 59

 209, 16, 40

 209, 0, 27

Harmonies

Analogous

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



201, 163, 185



209, 162, 168



207, 167, 152

Triad

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



209, 162, 168



148, 180, 167



142, 165, 205

Complementary

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



209, 162, 168



162, 187, 209

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.



129, 158, 195



209, 162, 168



143, 170, 183

Square

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



209, 162, 168



147, 180, 141



130, 158, 184



163, 171, 207

Rectangle

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



209, 162, 168



201, 181, 145



130, 158, 184



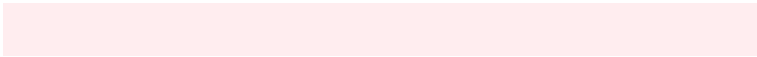
136, 163, 203

Sweetspot

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



209, 162, 168



255, 237, 239



203, 162, 209



128, 117, 119



0, 0, 0



128, 128, 128

Same Dimension

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



209, 162, 168



255, 186, 195



209, 189, 162



105, 94, 95



168, 0, 21



41, 0, 5

Inverse Universe

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



209, 162, 168



255, 186, 195



162, 180, 209



105, 94, 95



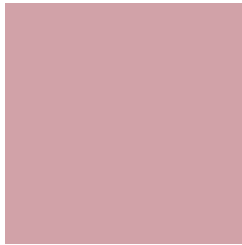
168, 0, 21



41, 0, 5

Previews

White Background



This preview shows how the RYB color 209, 162, 168 looks on a white background.

Color Contrast Check

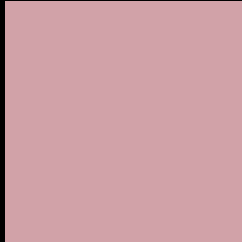
Large Text (above 18pt) WCAG AA × Fail

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 209, 162, 168 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

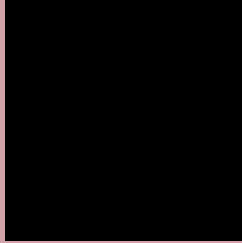
Any Text WCAG AA ✓ Pass

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 209, 162, 168 Background



This preview shows how black text looks on a background with the RYB color 209, 162, 168.



This preview shows how white text looks on a background with the RYB color 209, 162, 168.

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
209, 162, 168

Protanopia
177, 173, 174

Deuteranopia
194, 168, 167



Tritanopia
210, 161, 174

Trichromacy



Original Color

209, 162, 168

Protanomaly

189, 169, 172

Deuteranomaly

199, 166, 167

Tritanomaly

210, 161, 172

Monochromacy



Original Color

209, 162, 168

Achromatopsia

177, 177, 177

Achromatomaly

189, 172, 174

CSS Examples

Text

The CSS property to change the color of the text to RYB 209, 162, 168 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(209, 162, 168) looks like.

```
.text, #text, p{  
    color:rgb(209, 162, 168)  
}
```

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(209, 162, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 162, 168) }
```

Border

The CSS property to change the border of an element to RYB 209, 162, 168 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(209, 162, 168) }
```

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

```
.border{ border-color:rgb(209, 162, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 162, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 162, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 162, 168);  
box-shadow:4px 4px 4px 4px rgb(209, 162,  
168) }
```

Background

The CSS property to change the background color of an element to RGB 209, 162, 168 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 162, 168) }
```

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

```
.background{ background-color: rgb(209,  
162, 168) }
```

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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