

Converting Colors

`RYB(202, 149, 172)`

Have a look what the booklet for
RYB(202, 149, 172) contains.

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Color

R_YB(202, 149, 172)

Conversions

Conversions Part 1

Format	Color
Hex	CA95AC
RGB	202, 149, 172
RGB Percent	79%, 58%, 67%
CMY	0.2078, 0.4157, 0.3255
CMYK	0.00, 0.26, 0.15, 0.21
HSL	334°, 33%, 69%
HSV	334°, 26%, 79%
XYZ	42.5510, 37.0300, 43.9346
YIQ	167.4690, 24.2050, 18.3890

Conversions

Conversions Part 2

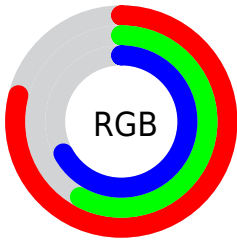
Format	Color
RYP	202, 149, 172
Decimal	13276588
CIELab	67.30, 23.45, -4.17
CIElCh	67, 23.814, 349.915
Yxy	37.0300, 0.3445, 0.2998
Android (android.graphics.Color)	4291466668 (0xFFCA95AC)
YUV	167.4690, 2.2338, 30.2837
Hunter-Lab	60.8523, 18.3246, -0.2100

Details

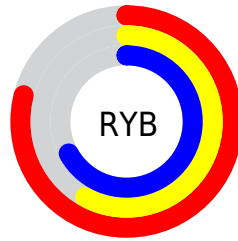
The RYB color **202, 149, 172** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **149, 183, 202**, and the grayscale version is **167, 167, 167**.

A 20% lighter version of the original color is **255, 203, 227**, and **147, 98, 120** is the 20% darker color. If you saturate the color by 10%, you get **202, 129, 161**, and if you desaturate by 10%, it is **202, 169, 183**.

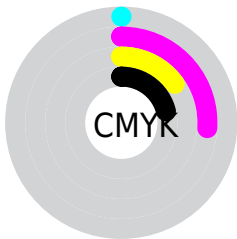
Distribution



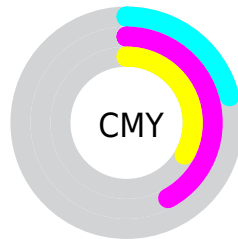
- Red (79%)
- Green (58%)
- Blue (67%)



- Red (79%)
- Yellow (58%)
- Blue (67%)



- Cyan (0%)
- Magenta (26%)
- Yellow (15%)
- Black (21%)



- Cyan (21%)
- Magenta (42%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the RYB color 202, 149, 172 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 202, 149, 172 by changing the saturation by 10% instead.


 202, 149, 172

255, 255, 255


 255, 203, 227


 255, 232, 255


 202, 149, 172

 174, 123, 145

 147, 98, 120

 121, 73, 95

 95, 50, 71

 71, 28, 49

 47, 5, 28

 24, 0, 1

 0, 0, 0

 202, 149, 172

 202, 149, 172

 202, 129, 161


 202, 169, 183

 202, 109, 149

 202, 189, 195

 202, 88, 138


 202, 207, 210

 202, 68, 126

 202, 220, 230

 202, 48, 115

 202, 233, 250

 202, 28, 103

 202, 233, 255

 202, 8, 92

 202, 229, 255

 202, 0, 88

 202, 229, 255

Harmonies

Analogous

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



184, 154, 192



202, 149, 172



208, 149, 150

Triad

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



202, 149, 172



123, 167, 125



106, 144, 196

Complementary

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



202, 149, 172



149, 183, 202

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.



102, 139, 178



202, 149, 172



136, 172, 168

Square

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



202, 149, 172



166, 186, 122



117, 153, 176



128, 154, 206

Rectangle

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



202, 149, 172



205, 155, 137



117, 153, 176



102, 142, 191

Sweetspot

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



202, 149, 172



255, 235, 243



178, 149, 202



128, 115, 120



0, 0, 0



128, 128, 128

Same Dimension

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



202, 149, 172



255, 176, 210



202, 152, 149



102, 92, 96



166, 0, 72



38, 0, 17

Inverse Universe

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



202, 149, 172



255, 176, 210



149, 175, 202



102, 92, 96



166, 0, 72



38, 0, 17

Previews

White Background



This preview shows how the RYB color 202, 149, 172 looks on a white background.

Color Contrast Check

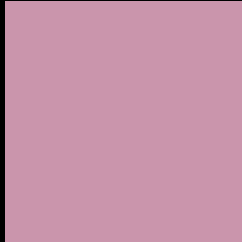
Large Text (above 18pt) WCAG AA × Fail

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 202, 149, 172 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 202, 149, 172 Background



This preview shows how black text looks on a background with the RYB color 202, 149, 172.

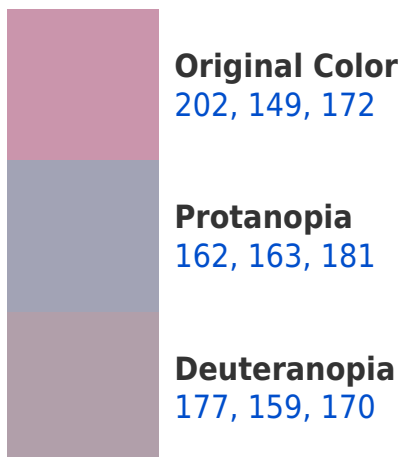



This preview shows how white text looks on a background with the RYB color 202, 149, 172.

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

201, 151, 162

Trichromacy



Original Color

202, 149, 172

Protanomaly

177, 158, 178

Deuteranomaly

186, 155, 171

Tritanomaly

201, 150, 166

Monochromacy



Original Color

202, 149, 172

Achromatopsia

167, 167, 167

Achromatomaly

180, 160, 169

CSS Examples

Text

The CSS property to change the color of the text to RYB 202, 149, 172 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(202, 149, 172) looks like.

```
.text, #text, p{  
    color:rgb(202, 149, 172)  
}
```

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(202, 149, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 149, 172) }
```

Border

The CSS property to change the border of an element to RYB 202, 149, 172 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(202, 149, 172) }
```

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

```
.border{ border-color:rgb(202, 149, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 149, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 149, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 149, 172);  
box-shadow:4px 4px 4px 4px rgb(202, 149,  
172) }
```

Background

The CSS property to change the background color of an element to RGB 202, 149, 172 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 149, 172) }
```

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

```
.background{ background-color: rgb(202,  
149, 172) }
```

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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