

Converting Colors

`RYB(202, 149, 182)`

Have a look what the booklet for
RYB(202, 149, 182) contains.

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Color

R_YB(202, 149, 182)

Conversions

Conversions Part 1

Format	Color
Hex	CA95B6
RGB	202, 149, 182
RGB Percent	79%, 58%, 71%
CMY	0.2078, 0.4157, 0.2863
CMYK	0.00, 0.26, 0.10, 0.21
HSL	323°, 33%, 69%
HSV	323°, 26%, 79%
XYZ	43.5481, 37.4288, 49.1852
YIQ	168.6090, 20.9950, 21.4990

Conversions

Conversions Part 2

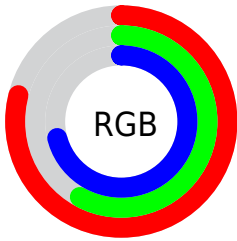
Format	Color
R _Y B	202, 149, 182
Decimal	13276598
CIE Lab	67.60, 25.13, -9.32
CIE LCh	68, 26.801, 339.641
Yxy	37.4288, 0.3346, 0.2876
Android (android.graphics.Color)	4291466678 (0xFFCA95B6)
YUV	168.6090, 6.6018, 29.2839
Hunter-Lab	61.1791, 19.9951, -4.8411

Details

The RYB color **202, 149, 182** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **149, 187, 202**, and the grayscale version is **169, 169, 169**.

A 20% lighter version of the original color is **255, 204, 238**, and **147, 98, 129** is the 20% darker color. If you saturate the color by 10%, you get **202, 129, 174**, and if you desaturate by 10%, it is **202, 169, 190**.

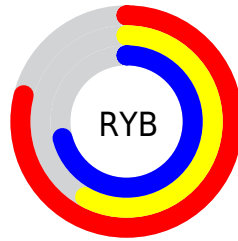
Distribution



Red (79%)

Green (58%)

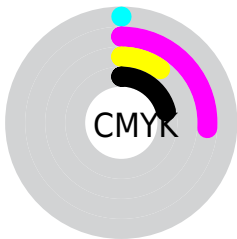
Blue (71%)



Red (79%)

Yellow (58%)

Blue (71%)

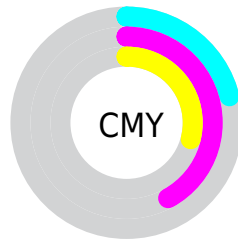


Cyan (0%)

Magenta (26%)

Yellow (10%)

Black (21%)



Cyan (21%)

Magenta (42%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the RYB color 202, 149, 182 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, 182 by changing the saturation by 10% instead.

 202, 149, 182

 202, 149, 182


255, 255, 255

 174, 123, 155


 255, 204, 238

 147, 98, 129

 255, 232, 255

 121, 73, 104

 96, 50, 80

 71, 27, 57

 47, 5, 35

 25, 0, 13

 0, 0, 0

 202, 149, 182

 202, 149, 182

202, 129, 174

202, 169, 190

202, 109, 167

202, 189, 197

202, 88, 159

202, 208, 210

202, 68, 152

202, 223, 230

202, 48, 144

202, 237, 250

202, 28, 136

202, 238, 255

202, 8, 129

202, 235, 255

202, 0, 126

202, 232, 255

202, 230, 255

Harmonies

Analogous

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



178, 156, 202



202, 149, 182



213, 147, 158

Triad

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



202, 149, 182



126, 174, 117



92, 139, 195

Complementary

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



202, 149, 182



149, 187, 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.



97, 139, 178



202, 149, 182



127, 172, 152

Square

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



202, 149, 182



196, 192, 120



120, 159, 177



112, 149, 209

Rectangle

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



202, 149, 182



213, 150, 142



120, 159, 177



91, 137, 188

Sweetspot

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



202, 149, 182



255, 235, 247



168, 149, 202



128, 115, 123



0, 0, 0



128, 128, 128

Same Dimension

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



202, 149, 182



255, 176, 225



202, 149, 156



102, 92, 98



166, 0, 103



38, 0, 24

Inverse Universe

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



202, 149, 182



255, 176, 225



149, 177, 202



102, 92, 98



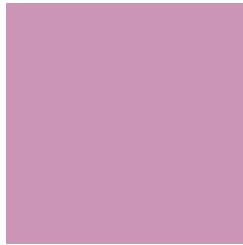
166, 0, 103



38, 0, 24

Previews

White Background



This preview shows how the RYB color 202, 149, 182 looks on a white background.

Color Contrast Check

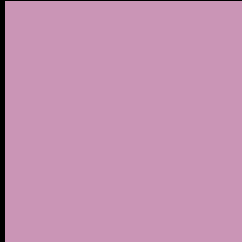
Large Text (above 18pt) WCAG AA × Fail

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, 182 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

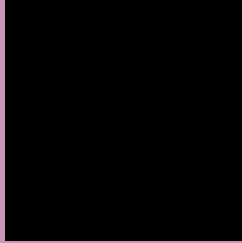
Any Text WCAG AA ✓ Pass

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, 182 Background



This preview shows how black text looks on a background with the RYB color 202, 149, 182.

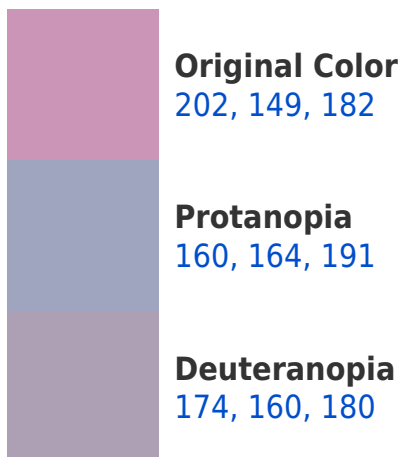



This preview shows how white text looks on a background with the RYB color 202, 149, 182.

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
200, 152, 164

Trichromacy



Original Color
202, 149, 182

Protanomaly
175, 159, 188

Deuteranomaly
184, 156, 181

Tritanomaly
201, 151, 171

Monochromacy



Original Color
202, 149, 182

Achromatopsia
169, 169, 169

Achromatomaly
181, 162, 174

CSS Examples

Text

The CSS property to change the color of the text to RYB 202, 149, 182 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, 182) looks like.

```
.text, #text, p{  
    color:rgb(202, 149, 182)  
}
```

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, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 149, 182) }
```

Border

The CSS property to change the border of an element to RYB 202, 149, 182 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, 182) }
```

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

```
.border{ border-color:rgb(202, 149, 182) }
```

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, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 149, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 149, 182);  
box-shadow:4px 4px 4px 4px rgb(202, 149,  
182) }
```

Background

The CSS property to change the background color of an element to RGB 202, 149, 182 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, 182) }
```

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

```
.background{ background-color: rgb(202,  
149, 182) }
```

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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