

Converting Colors

`RYB(221, 149, 172)`

Have a look what the booklet for
RYB(221, 149, 172) contains.

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Color

R_YB(221, 149, 172)

Conversions

Conversions Part 1

Format	Color
Hex	DD95AC
RGB	221, 149, 172
RGB Percent	87%, 58%, 67%
CMY	0.1333, 0.4157, 0.3255
CMYK	0.00, 0.33, 0.22, 0.13
HSL	341°, 51%, 73%
HSV	341°, 33%, 87%
XYZ	48.0126, 39.8456, 44.1902
YIQ	173.1500, 35.5290, 22.4170

Conversions

Conversions Part 2

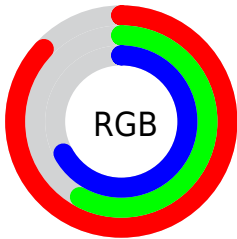
Format	Color
R_{YB}	221, 149, 172
Decimal	14521772
CIE _{Lab}	69.36, 30.28, -0.90
CIE _{LCh}	69, 30.292, 358.288
Yxy	39.8456, 0.3636, 0.3018
Android (android.graphics.Color)	4292711852 (0xFFDD95AC)
YUV	173.1500, -0.5669, 41.9645
Hunter-Lab	63.1234, 25.3040, 2.6798

Details

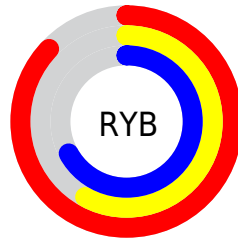
The RYB color **221, 149, 172** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **149, 192, 221**, and the grayscale version is **173, 173, 173**.

A 20% lighter version of the original color is **255, 204, 227**, and **165, 97, 120** is the 20% darker color. If you saturate the color by 10%, you get **221, 127, 157**, and if you desaturate by 10%, it is **221, 171, 187**.

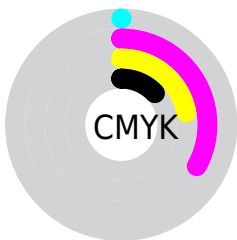
Distribution



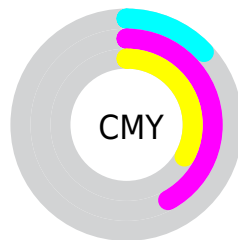
- Red (87%)
- Green (58%)
- Blue (67%)



- Red (87%)
- Yellow (58%)
- Blue (67%)



- Cyan (0%)
- Magenta (33%)
- Yellow (22%)
- Black (13%)





- Cyan (13%)
- Magenta (42%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the RYB color 221, 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 221, 149, 172 by changing the saturation by 10% instead.

 221, 149, 172

 221, 149, 172

255, 255, 255


 192, 123, 145

 255, 204, 227

 165, 97, 120

 255, 232, 255

 137, 72, 95

 111, 49, 72


 85, 25, 49

 60, 0, 28

 41, 0, 1

 0, 0, 0

 221, 149, 172

 221, 149, 172

■ 221, 127, 157

■ 221, 171, 187

■ 221, 105, 142

■ 221, 193, 202

■ 221, 83, 127

■ 221, 215, 217

■ 221, 61, 112

■ 221, 230, 237

■ 221, 39, 97

■ 221, 240, 255

■ 221, 16, 82

■ 221, 238, 255

■ 221, 0, 71

Harmonies

Analogous

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



203, 154, 199



221, 149, 172



224, 151, 145

Triad

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



221, 149, 172



120, 176, 135



94, 144, 215

Complementary

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



221, 149, 172



149, 192, 221

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.



80, 134, 194



221, 149, 172



129, 173, 182

Square

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



221, 149, 172



147, 190, 114



99, 146, 184



131, 159, 224

Rectangle

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



221, 149, 172



217, 165, 130



99, 146, 184



85, 139, 209

Sweetspot

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



221, 149, 172



255, 230, 238



197, 149, 221



128, 112, 117



0, 0, 0



128, 128, 128

Same Dimension

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



221, 149, 172



255, 156, 187



221, 163, 149



110, 99, 102



173, 0, 55



46, 0, 15

Inverse Universe

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



221, 149, 172



255, 156, 187



149, 182, 221



110, 99, 102



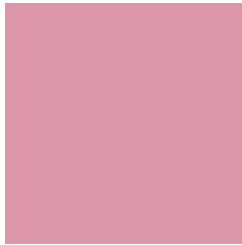
173, 0, 55



46, 0, 15

Previews

White Background



This preview shows how the RYB color 221, 149, 172 looks on a white background.

Color Contrast Check

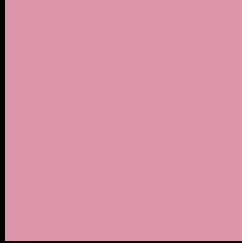
Large Text (above 18pt) WCAG AA × Fail

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 221, 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 221, 149, 172 Background



This preview shows how black text looks on a background with the RYB color 221, 149, 172.

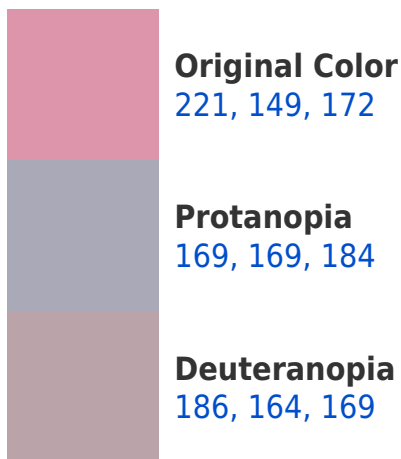



This preview shows how white text looks on a background with the RYB color 221, 149, 172.

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
220, 151, 162

Trichromacy



Original Color

221, 149, 172

Protanomaly

188, 162, 180

Deuteranomaly

199, 159, 170

Tritanomaly

220, 150, 166

Monochromacy



Original Color

221, 149, 172

Achromatopsia

173, 173, 173

Achromatomaly

190, 164, 173

CSS Examples

Text

The CSS property to change the color of the text to RYB 221, 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(221, 149, 172) looks like.

```
.text, #text, p{  
    color:rgb(221, 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(221, 149, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 149, 172) }
```

Border

The CSS property to change the border of an element to RYB 221, 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(221, 149, 172) }
```

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

```
.border{ border-color:rgb(221, 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(221, 149, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 149, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 149, 172);  
box-shadow:4px 4px 4px 4px rgb(221, 149,  
172) }
```

Background

The CSS property to change the background color of an element to RGB 221, 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(221, 149, 172) }
```

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

```
.background{ background-color: rgb(221,  
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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