

Converting Colors

`RYB(221, 154, 222)`

Have a look what the booklet for
RYB(221, 154, 222) contains.

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Color

R_YB(221, 154, 222)

Conversions

Conversions Part 1

Format	Color
Hex	DD9ADE
RGB	221, 154, 222
RGB Percent	87%, 60%, 87%
CMY	0.1333, 0.3961, 0.1294
CMYK	0.00, 0.31, 0.00, 0.13
HSL	299°, 51%, 74%
HSV	299°, 31%, 87%
XYZ	54.5592, 43.7573, 74.6777
YIQ	181.7850, 18.1040, 35.3520

Conversions

Conversions Part 2

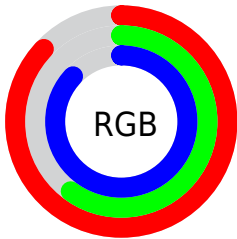
Format	Color
R_{YB}	221, 154, 222
Decimal	14523102
CIE _{Lab}	72.07, 35.95, -24.54
CIE _{LCh}	72, 43.523, 325.681
Yxy	43.7573, 0.3154, 0.2529
Android (android.graphics.Color)	4292713182 (0xFFDD9ADE)
YUV	181.7850, 19.8260, 34.3916
Hunter-Lab	66.1493, 31.4636, -20.6295

Details

The RYB color **221, 154, 222** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **154, 222, 221**, and the grayscale version is **182, 182, 182**.

A 20% lighter version of the original color is **255, 209, 255**, and **165, 102, 167** is the 20% darker color. If you saturate the color by 10%, you get **221, 132, 222**, and if you desaturate by 10%, it is **221, 176, 222**.

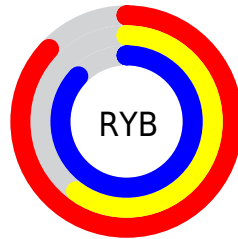
Distribution



Red (87%)

Green (60%)

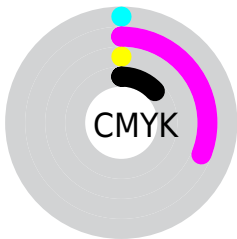
Blue (87%)



Red (87%)

Yellow (60%)

Blue (87%)

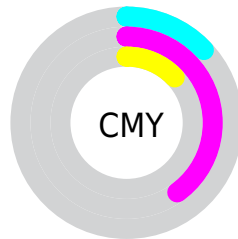


Cyan (0%)

Magenta (31%)

Yellow (0%)

Black (13%)



Cyan (13%)


Magenta (40%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the RYB color 221, 154, 222 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, 154, 222 by changing the saturation by 10% instead.


 221, 154, 222

255, 255, 255


 255, 209, 255


 255, 238, 255

 221, 154, 222

 193, 127, 194

 165, 102, 167

 138, 77, 140

 112, 52, 114

 86, 28, 90

 61, 1, 66

 40, 0, 44

 0, 0, 22

 0, 0, 0

■ 221, 154, 222

■ 221, 154, 222

■ 221, 132, 222

■ 221, 176, 222

■ 220, 110, 222

■ 222, 198, 222

■ 220, 87, 222

■ 222, 221, 222

■ 220, 65, 222

■ 222, 243, 243

■ 219, 43, 222

■ 222, 255, 254

■ 219, 21, 222

■ 222, 255, 253

■ 219, 0, 222

Harmonies

Analogous

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



172, 168, 248



221, 154, 222



248, 145, 184

Triad

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



221, 154, 222



147, 207, 96



0, 102, 210

Complementary

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



221, 154, 222



154, 222, 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.



57, 135, 197



221, 154, 222



103, 185, 121

Square

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



221, 154, 222



237, 185, 112



120, 184, 193



0, 107, 241

Rectangle

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



221, 154, 222



253, 145, 157



120, 184, 193



0, 99, 198

Sweetspot

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



221, 154, 222



255, 232, 255



154, 155, 222



127, 113, 128



0, 0, 0



128, 128, 128

Same Dimension

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



221, 154, 222



254, 161, 255



222, 154, 189



112, 101, 112



173, 0, 176



48, 0, 48

Inverse Universe

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



222, 154, 155



255, 161, 162



154, 200, 222



112, 101, 101



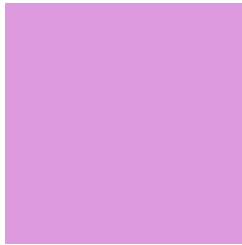
176, 0, 3



48, 0, 1

Previews

White Background



This preview shows how the RYB color 221, 154, 222 looks on a white background.

Color Contrast Check

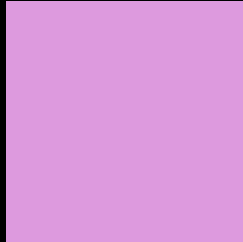
Large Text (above 18pt) WCAG AA × Fail

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, 154, 222 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, 154, 222 Background



This preview shows how black text looks on a background with the RYB color 221, 154, 222.

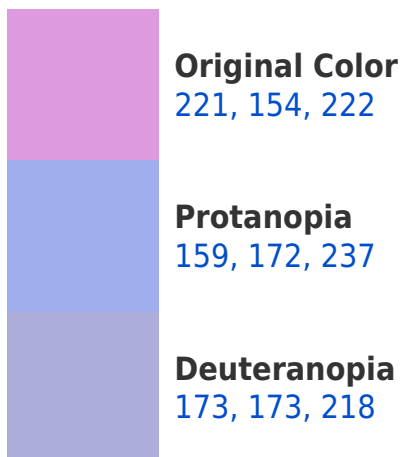



This preview shows how white text looks on a background with the RYB color 221, 154, 222.

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

215, 163, 176

Trichromacy



Original Color

221, 154, 222



Protanomaly

182, 167, 232



Deuteranomaly

190, 166, 219



Tritanomaly

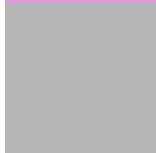
217, 160, 193

Monochromacy



Original Color

221, 154, 222



Achromatopsia

182, 182, 182



Achromatomaly

196, 172, 197

CSS Examples

Text

The CSS property to change the color of the text to RYB 221, 154, 222 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, 154, 222)` looks like.

```
.text, #text, p{  
    color:rgb(221, 154, 222)  
}
```

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, 154, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 154, 222) }
```

Border

The CSS property to change the border of an element to RYB 221, 154, 222 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, 154, 222) }
```

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

```
.border{ border-color:rgb(221, 154, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 154, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 154, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 154, 222);  
box-shadow:4px 4px 4px 4px rgb(221, 154,  
222) }
```

Background

The CSS property to change the background color of an element to RGB 221, 154, 222 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 154, 222) }
```

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

```
.background{ background-color: rgb(221,  
154, 222) }
```

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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