

Converting Colors

`RYB(217, 154, 215)`

Have a look what the booklet for
RYB(217, 154, 215) contains.

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Color

R_YB(217, 154, 215)

Conversions

Conversions Part 1

Format	Color
Hex	D99AD7
RGB	217, 154, 215
RGB Percent	85%, 60%, 84%
CMY	0.1490, 0.3961, 0.1569
CMYK	0.00, 0.29, 0.01, 0.15
HSL	302°, 45%, 73%
HSV	302°, 29%, 85%
XYZ	52.4366, 42.7692, 69.7816
YIQ	179.7910, 17.9670, 32.3270

Conversions

Conversions Part 2

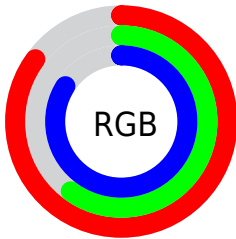
Format	Color
R _Y B	217, 154, 215
Decimal	14260951
CIE Lab	71.40, 33.36, -21.75
CIE LCh	71, 39.827, 326.902
Yxy	42.7692, 0.3178, 0.2592
Android (android.graphics.Color)	4292451031 (0xFFD99AD7)
YUV	179.7910, 17.3580, 32.6323
Hunter-Lab	65.3982, 28.6755, -17.4852

Details

The RYB color **217, 154, 215** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **154, 215, 217**, and the grayscale version is **180, 180, 180**.

A 20% lighter version of the original color is **255, 209, 255**, and **161, 102, 160** is the 20% darker color. If you saturate the color by 10%, you get **217, 132, 214**, and if you desaturate by 10%, it is **217, 176, 216**.

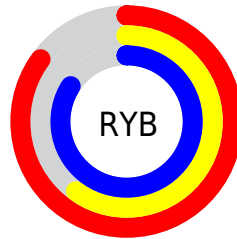
Distribution



Red (85%)

Green (60%)

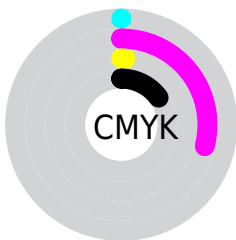
Blue (84%)



Red (85%)

Yellow (60%)

Blue (84%)

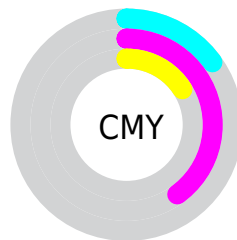


Cyan (0%)

Magenta (29%)

Yellow (1%)

Black (15%)



Cyan (15%)


Magenta (40%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the RYB color 217, 154, 215 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 217, 154, 215 by changing the saturation by 10% instead.

 217, 154, 215

255, 255, 255

 255, 209, 255


 255, 238, 255

 217, 154, 215

 189, 128, 187

 161, 102, 160


 134, 77, 134

 108, 53, 108


 83, 29, 84

 59, 3, 61


 38, 0, 39

 0, 1, 16


 0, 0, 0

 217, 154, 215

 217, 154, 215

 217, 132, 214

 217, 176, 216

 217, 111, 214


 217, 197, 216

 217, 89, 213

 217, 219, 219

 217, 67, 212


 217, 240, 241

 217, 46, 212


 217, 254, 255

 217, 24, 211

 217, 253, 255

 217, 2, 210

 217, 252, 255

 217, 0, 210

 217, 251, 255

Harmonies

Analogous

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



173, 167, 240



217, 154, 215



241, 147, 180

Triad

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



217, 154, 215



147, 202, 102



0, 100, 206

Complementary

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



217, 154, 215



154, 215, 217

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.



71, 139, 194



217, 154, 215



109, 183, 127

Square

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



217, 154, 215



230, 186, 115



122, 180, 190



40, 124, 235

Rectangle

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



217, 154, 215



246, 147, 156



122, 180, 190



24, 109, 195

Sweetspot

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



217, 154, 215



255, 232, 254



155, 154, 217



128, 113, 127



0, 0, 0



128, 128, 128

Same Dimension

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



217, 154, 215



255, 166, 252



217, 154, 184



110, 99, 109



173, 0, 168



46, 0, 44

Inverse Universe

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



217, 154, 215



255, 166, 252



154, 195, 217



110, 99, 109



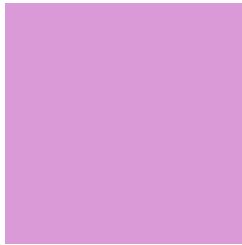
173, 0, 168



46, 0, 44

Previews

White Background



This preview shows how the RYB color 217, 154, 215 looks on a white background.

Color Contrast Check

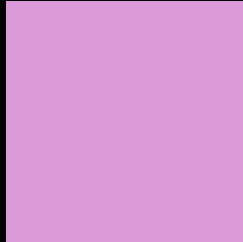
Large Text (above 18pt) WCAG AA × Fail

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 217, 154, 215 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

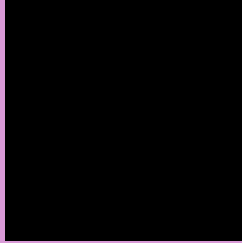
Any Text WCAG AA ✓ Pass

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 217, 154, 215 Background



This preview shows how black text looks on a background with the RYB color 217, 154, 215.

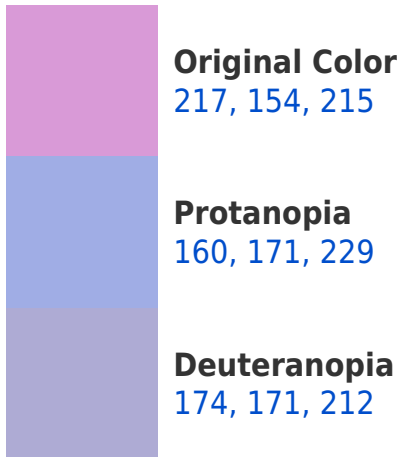



This preview shows how white text looks on a background with the RYB color 217, 154, 215.

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
212, 162, 174

Trichromacy



Original Color

217, 154, 215



Protanomaly

181, 166, 224



Deuteranomaly

190, 165, 213



Tritanomaly

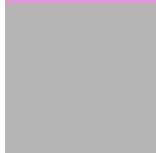
214, 159, 189

Monochromacy



Original Color

217, 154, 215



Achromatopsia

180, 180, 180



Achromatomaly

193, 171, 193

CSS Examples

Text

The CSS property to change the color of the text to RYB 217, 154, 215 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(217, 154, 215) looks like.

```
.text, #text, p{  
    color:rgb(217, 154, 215)  
}
```

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(217, 154, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 154, 215) }
```

Border

The CSS property to change the border of an element to RYB 217, 154, 215 is called "border". The border property can be set on classes, ids or directly on the HTML element.

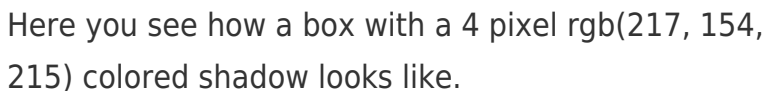
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(217, 154, 215) }
```

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

```
.border{ border-color:rgb(217, 154, 215) }
```

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



Here you see how a box with a 4 pixel `rgb(217, 154, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(217, 154, 215); -webkit-box-shadow:4px 4px 4px 4px rgb(217, 154, 215); box-shadow:4px 4px 4px 4px rgb(217, 154, 215) }
```

Background

The CSS property to change the background color of an element to RYB 217, 154, 215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 154, 215) }
```

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

```
.background{ background-color: rgb(217,  
154, 215) }
```

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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