

Converting Colors

`RYB(221, 122, 157)`

Have a look what the booklet for
RYB(221, 122, 157) contains.

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Color

`RYB(221, 122, 157)`

Conversions

Conversions Part 1

Format	Color
Hex	DD7A9D
RGB	221, 122, 157
RGB Percent	87%, 48%, 62%
CMY	0.1333, 0.5216, 0.3843
CMYK	0.00, 0.45, 0.29, 0.13
HSL	339°, 59%, 67%
HSV	339°, 45%, 87%
XYZ	42.8641, 31.7255, 35.7627
YIQ	155.5910, 47.7690, 31.8730

Conversions

Conversions Part 2

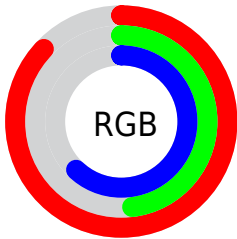
Format	Color
R_{YB}	221, 122, 157
Decimal	14514845
CIE _{Lab}	63.12, 42.42, -1.59
CIE _{LCh}	63, 42.447, 357.859
Yxy	31.7255, 0.3884, 0.2875
Android (android.graphics.Color)	4292704925 (0xFFDD7A9D)
YUV	155.5910, 0.6946, 57.3637
Hunter-Lab	56.3254, 37.2705, 1.7828

Details

The RYB color **221, 122, 157** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **122, 182, 221**, and the grayscale version is **156, 156, 156**.

A 20% lighter version of the original color is **255, 176, 211**, and **163, 70, 106** is the 20% darker color. If you saturate the color by 10%, you get **221, 100, 143**, and if you desaturate by 10%, it is **221, 144, 171**.

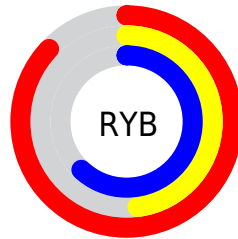
Distribution



Red (87%)

Green (48%)

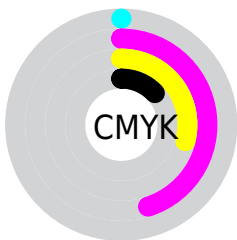
Blue (62%)



Red (87%)

Yellow (48%)

Blue (62%)

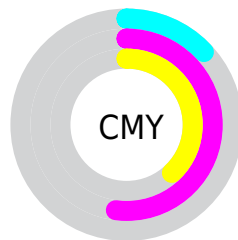


Cyan (0%)

Magenta (45%)

Yellow (29%)

Black (13%)



Cyan (13%)

Magenta (52%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the RYB color 221, 122, 157 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, 122, 157 by changing the saturation by 10% instead.

 221, 122, 157

255, 255, 255


 255, 176, 211

 255, 204, 240

 255, 233, 255

 221, 122, 157

 192, 96, 131

 163, 70, 106

 135, 44, 82

 108, 14, 59

 81, 0, 37

 56, 0, 16

 26, 0, 1

 0, 0, 0

 221, 122, 157

 221, 122, 157

■ 221, 100, 143

■ 221, 144, 171

■ 221, 78, 128

■ 221, 166, 186

■ 221, 56, 114

■ 221, 188, 200

■ 221, 34, 100

■ 221, 210, 214

■ 221, 12, 86

■ 221, 229, 233

■ 221, 0, 78

■ 221, 242, 255

■ 221, 238, 255

Harmonies

Analogous

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



197, 130, 193



221, 122, 157



223, 125, 119

Triad

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



221, 122, 157



84, 161, 105



0, 94, 216

Complementary

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



221, 122, 157



122, 182, 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.



0, 90, 187



221, 122, 157



94, 155, 169

Square

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



221, 122, 157



115, 178, 76



7, 96, 172



84, 132, 228

Rectangle

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



221, 122, 157



215, 146, 98



7, 96, 172



0, 93, 208

Sweetspot

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



221, 122, 157



255, 222, 234



185, 122, 221



128, 107, 114



0, 0, 0



128, 128, 128

Same Dimension

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



221, 122, 157



255, 117, 166



221, 137, 122



110, 99, 103



173, 0, 61



46, 0, 16

Inverse Universe

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



221, 122, 157



255, 117, 166



122, 168, 221



110, 99, 103



173, 0, 61



46, 0, 16

Previews

White Background



This preview shows how the RYB color 221, 122, 157 looks on a white background.

Color Contrast Check

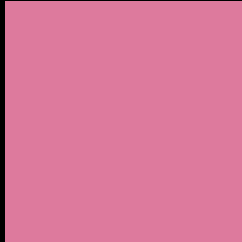
Large Text (above 18pt) WCAG AA × Fail

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, 122, 157 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, 122, 157 Background



This preview shows how black text looks on a background with the RYB color 221, 122, 157.

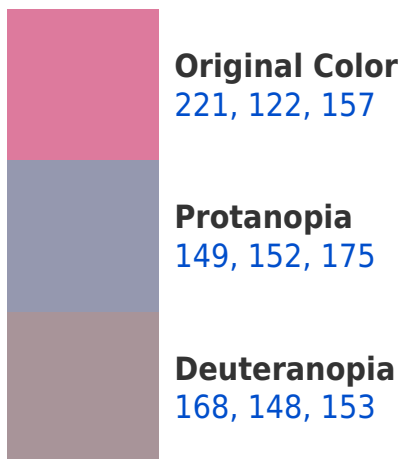


This preview shows how white text looks on a background with the RYB color 221, 122, 157.

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
219, 126, 135

Trichromacy



Original Color

221, 122, 157



Protanomaly

175, 141, 168



Deuteranomaly

187, 139, 154



Tritanomaly

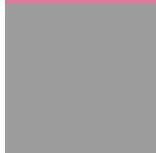
220, 125, 143

Monochromacy



Original Color

221, 122, 157



Achromatopsia

156, 156, 156



Achromatomaly

180, 144, 156

CSS Examples

Text

The CSS property to change the color of the text to RYB 221, 122, 157 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, 122, 157)` looks like.

```
.text, #text, p{  
    color:rgb(221, 122, 157)  
}
```

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, 122, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 122, 157) }
```

Border

The CSS property to change the border of an element to RYB 221, 122, 157 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, 122, 157) }
```

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

```
.border{ border-color:rgb(221, 122, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 122, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 122, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 122, 157);  
box-shadow:4px 4px 4px 4px rgb(221, 122,  
157) }
```

Background

The CSS property to change the background color of an element to RGB 221, 122, 157 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 122, 157) }
```

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

```
.background{ background-color: rgb(221,  
122, 157) }
```

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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