

Converting Colors

`RYB(221, 153, 241)`

Have a look what the booklet for
RYB(221, 153, 241) contains.

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Color

R_YB(221, 153, 241)

Conversions

Conversions Part 1

Format	Color
Hex	DD99F1
RGB	221, 153, 241
RGB Percent	87%, 60%, 95%
CMY	0.1333, 0.4000, 0.0549
CMYK	0.08, 0.37, 0.00, 0.05
HSL	286°, 76%, 77%
HSV	286°, 37%, 95%
XYZ	57.0872, 44.5055, 88.8007
YIQ	183.3640, 12.2800, 41.7840

Conversions

Conversions Part 2

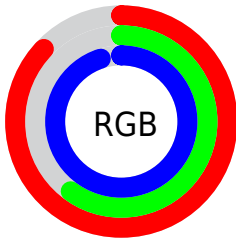
Format	Color
R_{YB}	221, 153, 241
Decimal	14522865
CIE _{Lab}	72.57, 40.12, -34.16
CIE _{LCh}	73, 52.690, 319.583
Yxy	44.5055, 0.2998, 0.2338
Android (android.graphics.Color)	4292712945 (0xFFDD99F1)
YUV	183.3640, 28.4145, 33.0068
Hunter-Lab	66.7124, 35.9994, -32.2220

Details

The RYB color **221, 153, 241** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **153, 241, 221**, and the grayscale version is **183, 183, 183**.

A 20% lighter version of the original color is **255, 208, 255**, and **165, 100, 185** is the 20% darker color. If you saturate the color by 10%, you get **216, 129, 241**, and if you desaturate by 10%, it is **226, 177, 241**.

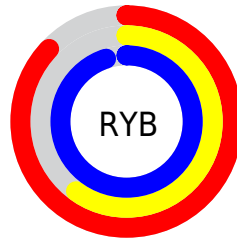
Distribution



Red (87%)

Green (60%)

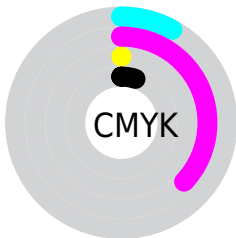
Blue (95%)



Red (87%)

Yellow (60%)

Blue (95%)

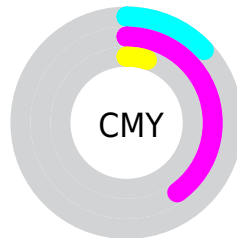


Cyan (8%)

Magenta (37%)

Yellow (0%)

Black (5%)



Cyan (13%)


Magenta (40%)


Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the RYB color 221, 153, 241 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, 153, 241 by changing the saturation by 10% instead.

 221, 153, 241

 221, 153, 241

255, 255, 255


 192, 126, 212

 255, 208, 255

 165, 100, 185

 255, 237, 255

 137, 75, 157

 111, 51, 131

 85, 25, 106

 60, 0, 81

 37, 0, 58

 0, 0, 35

 0, 0, 10

■ 221, 153, 241

■ 221, 153, 241

■ 216, 129, 241

■ 226, 177, 241

■ 210, 105, 241

■ 232, 201, 241

■ 205, 81, 241

■ 237, 225, 241

■ 199, 57, 241

■ 241, 249, 247

■ 194, 32, 241

■ 241, 255, 248

■ 188, 8, 241

■ 241, 255, 242

■ 186, 0, 241

■ 241, 255, 241

Harmonies

Analogous

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



154, 169, 255



221, 153, 241



255, 139, 197

Triad

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



221, 153, 241



164, 221, 81



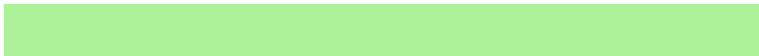
0, 103, 209

Complementary

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



221, 153, 241



153, 241, 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.



5, 115, 201



221, 153, 241



83, 185, 93

Square

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



221, 153, 241



254, 173, 106



113, 196, 190



0, 110, 250

Rectangle

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



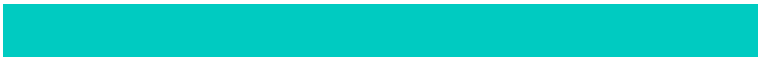
221, 153, 241



255, 137, 164



113, 196, 190



0, 104, 203

Sweetspot

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



221, 153, 241



249, 227, 255



153, 170, 241



124, 111, 128



0, 0, 0



128, 128, 128

Same Dimension

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



221, 153, 241



230, 143, 255



241, 153, 218



117, 108, 120



142, 0, 184



43, 0, 56

Inverse Universe

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



241, 153, 173



255, 143, 168



153, 223, 241



120, 108, 111



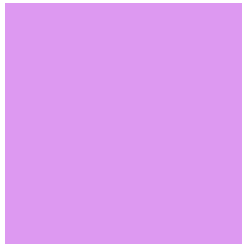
184, 0, 42



56, 0, 13

Previews

White Background



This preview shows how the RYB color 221, 153, 241 looks on a white background.

Color Contrast Check

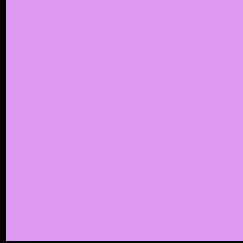
Large Text (above 18pt) WCAG AA × Fail

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, 153, 241 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

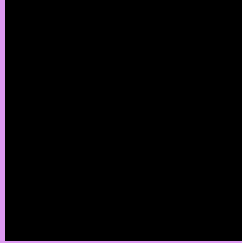
Any Text WCAG AA ✓ Pass

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, 153, 241 Background



This preview shows how black text looks on a background with the RYB color 221, 153, 241.

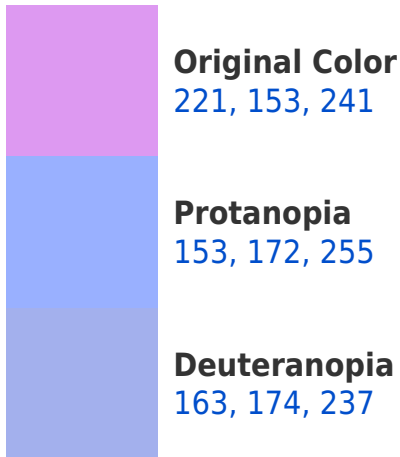


This preview shows how white text looks on a background with the RYB color 221, 153, 241.

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, 166, 179

Trichromacy



Original Color

221, 153, 241



Protanomaly

178, 168, 250



Deuteranomaly

184, 168, 238



Tritanomaly

215, 161, 202

Monochromacy



Original Color

221, 153, 241



Achromatopsia

183, 183, 183



Achromatomaly

197, 172, 204

CSS Examples

Text

The CSS property to change the color of the text to RYB 221, 153, 241 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, 153, 241)` looks like.

```
.text, #text, p{  
    color:rgb(221, 153, 241)  
}
```

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, 153, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 153, 241) }
```

Border

The CSS property to change the border of an element to RYB 221, 153, 241 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, 153, 241) }
```

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

```
.border{ border-color:rgb(221, 153, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 153, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 153, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 153, 241);  
box-shadow:4px 4px 4px 4px rgb(221, 153,  
241) }
```

Background

The CSS property to change the background color of an element to RGB 221, 153, 241 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 153, 241) }
```

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

```
.background{ background-color: rgb(221,  
153, 241) }
```

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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