

Converting Colors

`RYB(216, 201, 241)`

Have a look what the booklet for
RYB(216, 201, 241) contains.

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Color

R_YB(216, 201, 241)

Conversions

Conversions Part 1

Format	Color
Hex	D8C9F1
RGB	216, 201, 241
RGB Percent	85%, 79%, 95%
CMY	0.1529, 0.2118, 0.0549
CMYK	0.10, 0.17, 0.00, 0.05
HSL	262°, 59%, 87%
HSV	262°, 17%, 95%
XYZ	65.0827, 62.7231, 91.8956
YIQ	210.0450, -3.9000, 15.6200

Conversions

Conversions Part 2

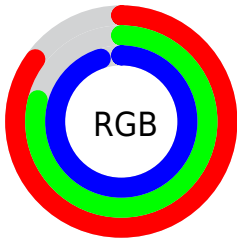
Format	Color
R _{YB}	216, 201, 241
Decimal	14207473
CIE _{Lab}	83.30, 12.70, -17.80
CIE _{LCh}	83, 21.871, 305.501
Y _{xy}	62.7231, 0.2962, 0.2855
Android (android.graphics.Color)	4292397553 (0xFFD8C9F1)
YUV	210.0450, 15.2608, 5.2225
Hunter-Lab	79.1979, 8.0902, -13.3574

Details

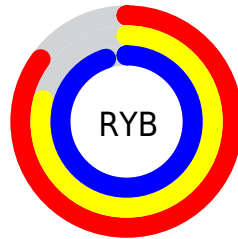
The RYB color **216, 201, 241** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **201, 241, 216**, and the grayscale version is **210, 210, 210**.

A 20% lighter version of the original color is 255, 255, 255, and **161, 147, 185** is the 20% darker color. If you saturate the color by 10%, you get **201, 177, 241**, and if you desaturate by 10%, it is **231, 225, 241**.

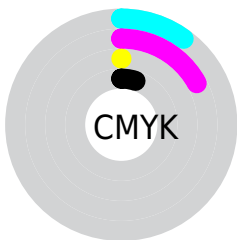
Distribution



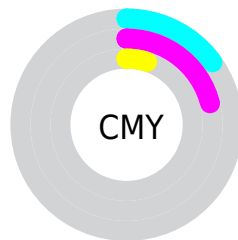
- Red (85%)
- Green (79%)
- Blue (95%)



- Red (85%)
- Yellow (79%)
- Blue (95%)



- Cyan (10%)
- Magenta (17%)
- Yellow (0%)
- Black (5%)



- Cyan (15%)
- Magenta (21%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the RYB color 216, 201, 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 216, 201, 241 by changing the saturation by 10% instead.

■ 216, 201, 241

255, 255, 255

■ 216, 201, 241

■ 188, 174, 213

■ 161, 147, 185

■ 135, 121, 158

■ 109, 96, 132

■ 84, 73, 106

■ 61, 50, 82

■ 38, 29, 59

■ 19, 4, 37

■ 0, 1, 15

■ 216, 201, 241

■ 216, 201, 241

■ 201, 177, 241

■ 231, 225, 241

■ 186, 153, 241

■ 241, 249, 244

■ 171, 129, 241

■ 241, 255, 241

■ 156, 105, 241

■ 141, 81, 241

■ 126, 56, 241

■ 111, 32, 241

■ 96, 8, 241

■ 90, 0, 241

Harmonies

Analogous

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



189, 203, 248



216, 201, 241



238, 195, 225

Triad

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



216, 201, 241



238, 225, 171



156, 190, 220

Complementary

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



216, 201, 241



201, 241, 216

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.



174, 206, 218



216, 201, 241



184, 220, 167

Square

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



216, 201, 241



249, 197, 185



174, 214, 191



152, 188, 231

Rectangle

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



216, 201, 241



247, 193, 211



174, 214, 191



161, 194, 219

Sweetspot

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



216, 201, 241



247, 242, 255



201, 216, 241



123, 120, 128



0, 0, 0



128, 128, 128

Same Dimension

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



216, 201, 241



223, 204, 255



236, 201, 241



112, 108, 120



69, 0, 184



21, 0, 56

Inverse Universe

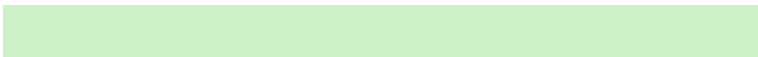
The Inverse Universe completely reimagines the original color for something new.



241, 201, 226



255, 204, 236



201, 241, 236



120, 108, 115



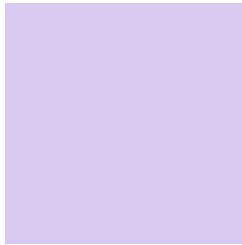
184, 0, 115



56, 0, 35

Previews

White Background



This preview shows how the RYB color 216, 201, 241 looks on a white background.

Color Contrast Check

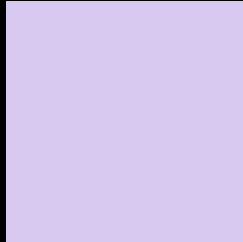
Large Text (above 18pt) WCAG AA × Fail

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 216, 201, 241 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

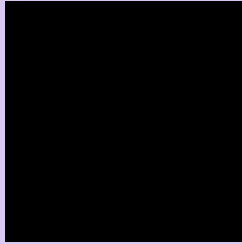
Any Text WCAG AA ✓ Pass

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 216, 201, 241 Background



This preview shows how black text looks on a background with the RYB color 216, 201, 241.



This preview shows how white text looks on a background with the RYB color 216, 201, 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



Original Color
216, 201, 241

Protanopia
200, 205, 244

Deuteranopia
212, 202, 241



Tritanopia
213, 205, 221

Trichromacy



Original Color
216, 201, 241

Protanomaly
206, 204, 243

Deuteranomaly
213, 202, 241

Tritanomaly
214, 204, 228

Monochromacy



Original Color
216, 201, 241

Achromatopsia
210, 210, 210

Achromatomaly
212, 207, 221

CSS Examples

Text

The CSS property to change the color of the text to RYB 216, 201, 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(216, 201, 241) looks like.

```
.text, #text, p{  
    color:rgb(216, 201, 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(216, 201, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 201, 241) }
```

Border

The CSS property to change the border of an element to RYB 216, 201, 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(216, 201, 241) }
```

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

```
.border{ border-color:rgb(216, 201, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 201, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 201, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 201, 241);  
box-shadow:4px 4px 4px 4px rgb(216, 201,  
241) }
```

Background

The CSS property to change the background color of an element to RYB 216, 201, 241 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 201, 241) }
```

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

```
.background{ background-color: rgb(216,  
201, 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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