

Converting Colors

`RYB(215, 197, 243)`

Have a look what the booklet for
RYB(215, 197, 243) contains.

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Color

R_YB(215, 197, 243)

Conversions

Conversions Part 1

Format	Color
Hex	D7C5F3
RGB	215, 197, 243
RGB Percent	84%, 77%, 95%
CMY	0.1569, 0.2275, 0.0471
CMYK	0.12, 0.19, 0.00, 0.05
HSL	263°, 66%, 86%
HSV	263°, 19%, 95%
XYZ	64.1682, 60.8506, 93.1573
YIQ	207.6260, -4.0380, 18.1220

Conversions

Conversions Part 2

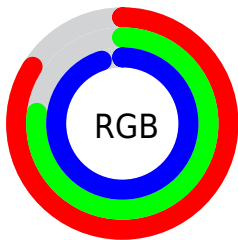
Format	Color
R _Y B	215, 197, 243
Decimal	14140915
CIE _{Lab}	82.30, 14.93, -20.39
CIE _{LCh}	82, 25.268, 306.215
Y _{xy}	60.8506, 0.2941, 0.2789
Android (android.graphics.Color)	4292330995 (0xFFD7C5F3)
Y _{UV}	207.6260, 17.4394, 6.4670
Hunter-Lab	78.0068, 10.3218, -16.2006

Details

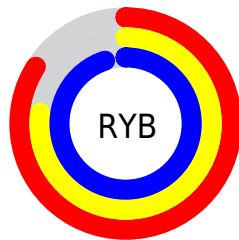
The RYB color **215, 197, 243** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **197, 243, 215**, and the grayscale version is **207, 207, 207**.

A 20% lighter version of the original color is 255, 254, 255, and **160, 143, 187** is the 20% darker color. If you saturate the color by 10%, you get **200, 173, 243**, and if you desaturate by 10%, it is **230, 221, 243**.

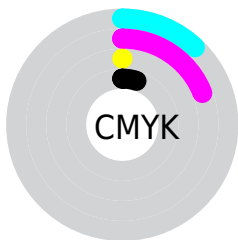
Distribution



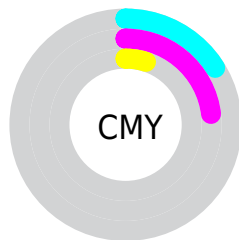
- Red (84%)
- Green (77%)
- Blue (95%)



- Red (84%)
- Yellow (77%)
- Blue (95%)



- Cyan (12%)
- Magenta (19%)
- Yellow (0%)
- Black (5%)



- Cyan (16%)
- Magenta (23%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the RYB color 215, 197, 243 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 215, 197, 243 by changing the saturation by 10% instead.

■ 215, 197, 243

255, 255, 255

255, 254, 255

■ 215, 197, 243

■ 187, 170, 215

■ 160, 143, 187

■ 134, 118, 160

■ 108, 93, 133

■ 83, 69, 108

■ 60, 47, 84


■ 37, 26, 60

■ 18, 0, 39

■ 0, 1, 16

 215, 197, 243


 215, 197, 243

 200, 173, 243


 230, 221, 243


 185, 148, 243


 243, 246, 244


 171, 124, 243

 243, 255, 243


 156, 100, 243

 141, 76, 243

 126, 51, 243

 111, 27, 243

 97, 3, 243

 95, 0, 243

Harmonies

Analogous

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



183, 200, 251



215, 197, 243



240, 190, 224

Triad

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



215, 197, 243



239, 226, 162



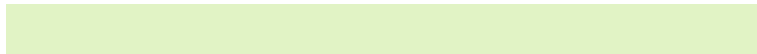
144, 183, 218

Complementary

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



215, 197, 243



197, 243, 215

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.



165, 203, 217



215, 197, 243



175, 218, 158

Square

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



215, 197, 243



252, 192, 178



166, 212, 187



138, 181, 232

Rectangle

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



215, 197, 243



250, 188, 209



166, 212, 187



150, 189, 218

Sweetspot

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



215, 197, 243



246, 240, 255



197, 214, 243



122, 119, 128



0, 0, 0



128, 128, 128

Same Dimension

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



215, 197, 243



219, 196, 255



238, 197, 243



115, 110, 122



73, 0, 186



23, 0, 59

Inverse Universe

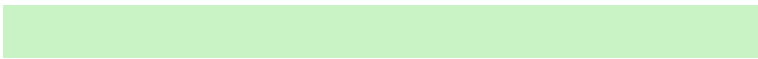
The Inverse Universe completely reimagines the original color for something new.



243, 197, 225



255, 196, 232



197, 243, 238



122, 110, 118



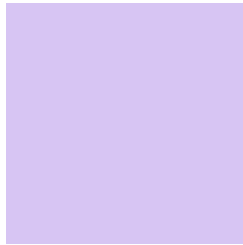
186, 0, 113



59, 0, 36

Previews

White Background



This preview shows how the RYB color 215, 197, 243 looks on a white background.

Color Contrast Check

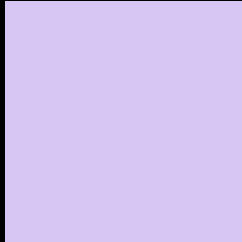
Large Text (above 18pt) WCAG AA × Fail

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 215, 197, 243 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

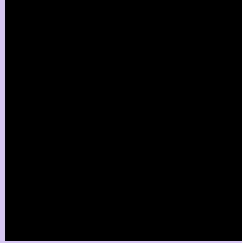
Any Text WCAG AA ✓ Pass

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 215, 197, 243 Background



This preview shows how black text looks on a background with the RYB color 215, 197, 243.



This preview shows how white text looks on a background with the RYB color 215, 197, 243.

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
215, 197, 243

Protanopia
195, 202, 247

Deuteranopia
206, 200, 242



Tritanopia
211, 202, 217

Trichromacy



Original Color
215, 197, 243

Protanomaly
202, 201, 246

Deuteranomaly
209, 199, 242

Tritanomaly
212, 200, 226

Monochromacy



Original Color
215, 197, 243

Achromatopsia
208, 208, 208

Achromatomaly
211, 204, 221

CSS Examples

Text

The CSS property to change the color of the text to RYB 215, 197, 243 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(215, 197, 243)` looks like.

```
.text, #text, p{  
    color:rgb(215, 197, 243)  
}
```

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(215, 197, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 197, 243) }
```

Border

The CSS property to change the border of an element to RYB 215, 197, 243 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(215, 197, 243) }
```

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

```
.border{ border-color:rgb(215, 197, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 197, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 197, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 197, 243);  
box-shadow:4px 4px 4px 4px rgb(215, 197,  
243) }
```

Background

The CSS property to change the background color of an element to RGB 215, 197, 243 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 197, 243) }
```

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

```
.background{ background-color: rgb(215,  
197, 243) }
```

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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