

Converting Colors

`RYB(223, 219, 255)`

Have a look what the booklet for RYB(223, 219, 255) contains.

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Color

R_YB(223, 219, 255)

Conversions

Conversions Part 1

Format	Color
Hex	DFDBFF
RGB	223, 219, 255
RGB Percent	87%, 86%, 100%
CMY	0.1255, 0.1412, 0.0000
CMYK	0.13, 0.14, 0.00, 0.00
HSL	247°, 100%, 93%
HSV	247°, 14%, 100%
XYZ	73.8129, 73.5710, 104.9180
YIQ	224.3000, -9.1720, 12.0440

Conversions

Conversions Part 2

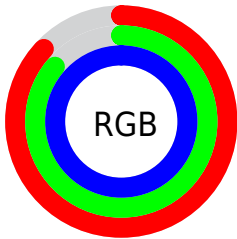
Format	Color
R _Y B	223, 219, 255
Decimal	14670847
CIE Lab	88.72, 8.21, -16.99
CIE LCh	89, 18.872, 295.791
Yxy	73.5710, 0.2926, 0.2916
Android (android.graphics.Color)	4292860927 (0xFFDFDBFF)
YUV	224.3000, 15.1351, -1.1401
Hunter-Lab	85.7735, 3.5055, -12.4819

Details

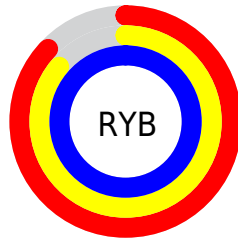
The RYB color **223, 219, 255** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **219, 255, 223**, and the grayscale version is **224, 224, 224**.

A 20% lighter version of the original color is **255, 255, 255**, and **168, 164, 198** is the 20% darker color. If you saturate the color by 10%, you get **200, 194, 255**, and if you desaturate by 10%, it is **246, 244, 255**.

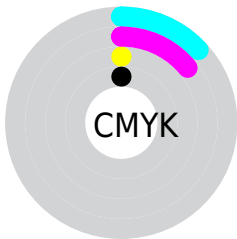
Distribution



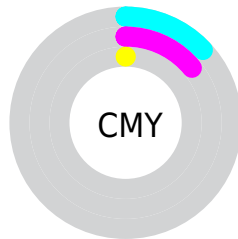
- Red (87%)
- Green (86%)
- Blue (100%)



- Red (87%)
- Yellow (86%)
- Blue (100%)



- Cyan (13%)
- Magenta (14%)
- Yellow (0%)
- Black (0%)



- Cyan (13%)
- Magenta (14%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the RYB color 223, 219, 255 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 223, 219, 255 by changing the saturation by 10% instead.

■ 223, 219, 255

255, 255, 255

■ 223, 219, 255

■ 195, 191, 226

■ 168, 164, 198

■ 141, 138, 171

■ 115, 112, 144

■ 90, 88, 119

■ 67, 65, 94


■ 44, 43, 70

■ 22, 22, 48

■ 0, 0, 27

 223, 219, 255

 223, 219, 255


 200, 194, 255

 246, 244, 255

 178, 168, 255

255, 255, 255

 155, 143, 255

 132, 117, 255

 110, 91, 255

 87, 66, 255

 64, 40, 255

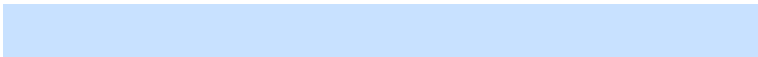
 42, 15, 255

 28, 0, 255

Harmonies

Analogous

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



200, 217, 255



223, 219, 255



244, 214, 243

Triad

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



223, 219, 255



254, 226, 194



183, 212, 233

Complementary

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



223, 219, 255



219, 255, 223

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.



200, 229, 231



223, 219, 255



217, 240, 187

Square

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



223, 219, 255



255, 211, 208



190, 226, 196



176, 206, 238

Rectangle

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



223, 219, 255



254, 211, 232



190, 226, 196



188, 217, 233

Sweetspot

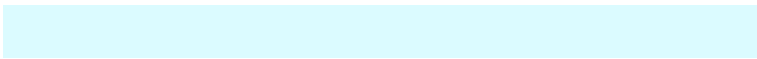
The Sweet Spot groups the original color and five complimentary colors.



223, 219, 255



246, 245, 255



219, 236, 255



122, 121, 128



0, 0, 0



128, 128, 128

Same Dimension

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



223, 219, 255



216, 212, 255



241, 219, 255



116, 115, 128



21, 0, 191



7, 0, 64

Inverse Universe

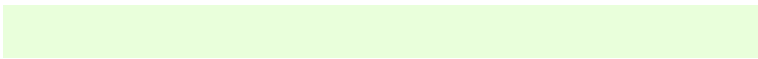
The Inverse Universe completely reimagines the original color for something new.



255, 219, 251



255, 212, 250



219, 255, 241



128, 115, 126



191, 0, 170



64, 0, 57

Previews

White Background



This preview shows how the RYB color 223, 219, 255 looks on a white background.

Color Contrast Check

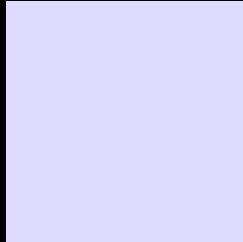
Large Text (above 18pt) WCAG AA × Fail

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 223, 219, 255 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

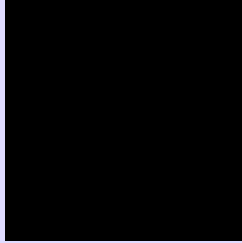
Any Text WCAG AA ✓ Pass

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 223, 219, 255 Background



This preview shows how black text looks on a background with the RYB color 223, 219, 255.



This preview shows how white text looks on a background with the RYB color 223, 219, 255.

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
223, 219, 255

Protanopia
217, 221, 255

Deuteranopia
229, 217, 255



Tritanopia
220, 222, 239

Trichromacy



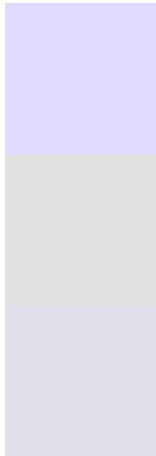
Original Color
223, 219, 255

Protanomaly
219, 220, 255

Deuteranomaly
227, 218, 255

Tritanomaly
221, 221, 245

Monochromacy



Original Color
223, 219, 255

Achromatopsia
224, 224, 224

Achromatomaly
224, 222, 235

CSS Examples

Text

The CSS property to change the color of the text to RYB 223, 219, 255 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(223, 219, 255)` looks like.

```
.text, #text, p{  
    color:rgb(223, 219, 255)  
}
```

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(223, 219, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 219, 255) }
```

Border

The CSS property to change the border of an element to RYB 223, 219, 255 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(223, 219, 255) }
```

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

```
.border{ border-color:rgb(223, 219, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 219, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(223, 219, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(223, 219, 255); box-shadow:4px 4px 4px 4px rgb(223, 219, 255) }
```

Background

The CSS property to change the background color of an element to RYB 223, 219, 255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 219, 255) }
```

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

```
.background{ background-color: rgb(223,  
219, 255) }
```

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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