

Converting Colors

`RYB(214, 207, 248)`

Have a look what the booklet for
RYB(214, 207, 248) contains.

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Color

R_YB(214, 207, 248)

Conversions

Conversions Part 1

Format	Color
Hex	D6CFF8
RGB	214, 207, 248
RGB Percent	84%, 81%, 97%
CMY	0.1608, 0.1882, 0.0275
CMYK	0.14, 0.17, 0.00, 0.03
HSL	250°, 75%, 89%
HSV	250°, 17%, 97%
XYZ	66.9877, 65.6991, 97.9575
YIQ	213.7670, -8.9890, 14.2350

Conversions

Conversions Part 2

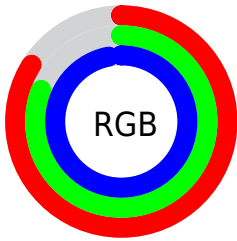
Format	Color
R _Y B	214, 207, 248
Decimal	14077944
CIE Lab	84.84, 10.29, -19.21
CIE LCh	85, 21.792, 298.190
Yxy	65.6991, 0.2904, 0.2849
Android (android.graphics.Color)	4292268024 (0xFFD6CFF8)
YUV	213.7670, 16.8769, 0.2043
Hunter-Lab	81.0550, 5.6746, -14.9153

Details

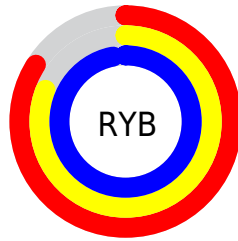
The RYB color **214, 207, 248** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **207, 248, 214**, and the grayscale version is **214, 214, 214**.

A 20% lighter version of the original color is 255, 255, 255, and **159, 153, 192** is the 20% darker color. If you saturate the color by 10%, you get **193, 182, 248**, and if you desaturate by 10%, it is **235, 232, 248**.

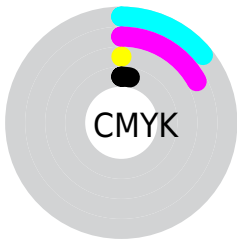
Distribution



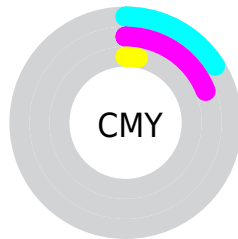
- Red (84%)
- Green (81%)
- Blue (97%)



- Red (84%)
- Yellow (81%)
- Blue (97%)



- Cyan (14%)
- Magenta (17%)
- Yellow (0%)
- Black (3%)



- Cyan (16%)
- Magenta (19%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the RYB color 214, 207, 248 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 214, 207, 248 by changing the saturation by 10% instead.

■ 214, 207, 248

255, 255, 255

■ 214, 207, 248

■ 186, 179, 219

■ 159, 153, 192

■ 133, 127, 164

■ 107, 102, 138

■ 82, 78, 112

■ 59, 55, 88


■ 36, 34, 64

■ 16, 12, 42

■ 0, 1, 21

 214, 207, 248


 214, 207, 248


 193, 182, 248


 235, 232, 248

 173, 157, 248

 248, 255, 248

 152, 133, 248

 132, 108, 248

 111, 83, 248

 91, 58, 248

 70, 33, 248

 49, 9, 248

 42, 0, 248

Harmonies

Analogous

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



187, 206, 253



214, 207, 248



238, 201, 234

Triad

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



214, 207, 248



246, 218, 178



164, 198, 224

Complementary

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



214, 207, 248



207, 248, 214

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.



183, 215, 221



214, 207, 248



199, 229, 171

Square

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



214, 207, 248



255, 200, 193



175, 216, 184



156, 191, 230

Rectangle

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



214, 207, 248



248, 198, 221



175, 216, 184



170, 203, 223

Sweetspot

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



214, 207, 248



244, 242, 255



207, 226, 248



121, 120, 128



0, 0, 0



128, 128, 128

Same Dimension

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



214, 207, 248



213, 204, 255



234, 207, 248



115, 112, 125



32, 0, 189



10, 0, 61

Inverse Universe

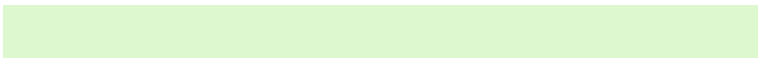
The Inverse Universe completely reimagines the original color for something new.



248, 207, 241



255, 204, 246



207, 248, 234



125, 112, 123



189, 0, 156



61, 0, 51

Previews

White Background



This preview shows how the RYB color 214, 207, 248 looks on a white background.

Color Contrast Check

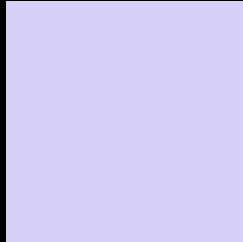
Large Text (above 18pt) WCAG AA × Fail

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 214, 207, 248 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

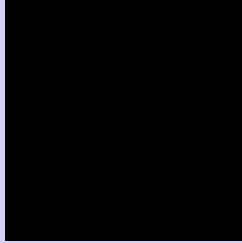
Any Text WCAG AA ✓ Pass

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 214, 207, 248 Background



This preview shows how black text looks on a background with the RYB color 214, 207, 248.



This preview shows how white text looks on a background with the RYB color 214, 207, 248.

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
214, 207, 248
Protanopia
204, 209, 250
Deuteranopia
215, 207, 248



Tritanopia
210, 211, 227

Trichromacy



Original Color
214, 207, 248

Protanomaly
208, 209, 249

Deuteranomaly
215, 207, 248

Tritanomaly
211, 210, 235

Monochromacy



Original Color
214, 207, 248

Achromatopsia
214, 214, 214

Achromatomaly
214, 211, 226

CSS Examples

Text

The CSS property to change the color of the text to RYB 214, 207, 248 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(214, 207, 248)` looks like.

```
.text, #text, p{  
    color:rgb(214, 207, 248)  
}
```

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(214, 207, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 207, 248) }
```

Border

The CSS property to change the border of an element to RYB 214, 207, 248 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(214, 207, 248) }
```

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

```
.border{ border-color:rgb(214, 207, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 207, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 207, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 207, 248);  
box-shadow:4px 4px 4px 4px rgb(214, 207,  
248) }
```

Background

The CSS property to change the background color of an element to RGB 214, 207, 248 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 207, 248) }
```

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

```
.background{ background-color: rgb(214,  
207, 248) }
```

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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