

Converting Colors

`RYB(214, 177, 199)`

Have a look what the booklet for RYB(214, 177, 199) contains.

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Color

R_YB(214, 177, 199)

Conversions

Conversions Part 1

Format	Color
Hex	D6B1C7
RGB	214, 177, 199
RGB Percent	84%, 69%, 78%
CMY	0.1608, 0.3059, 0.2196
CMYK	0.00, 0.17, 0.07, 0.16
HSL	324°, 31%, 77%
HSV	324°, 17%, 84%
XYZ	53.7625, 49.8639, 60.8239
YIQ	190.5710, 14.9900, 14.6860

Conversions

Conversions Part 2

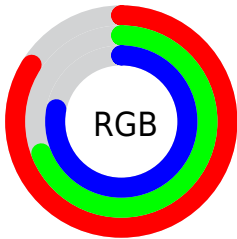
Format	Color
R _Y B	214, 177, 199
Decimal	14070215
CIE Lab	75.99, 17.02, -6.12
CIE LCh	76, 18.085, 340.221
Yxy	49.8639, 0.3269, 0.3032
Android (android.graphics.Color)	4292260295 (0xFFD6B1C7)
YUV	190.5710, 4.1555, 20.5472
Hunter-Lab	70.6144, 12.3263, -1.6395

Details

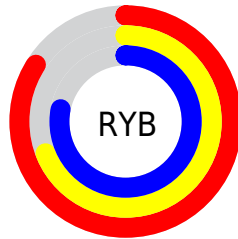
The RYB color **214, 177, 199** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **177, 203, 214**, and the grayscale version is **191, 191, 191**.

A 20% lighter version of the original color is **255, 233, 255**, and **159, 124, 145** is the 20% darker color. If you saturate the color by 10%, you get **214, 156, 190**, and if you desaturate by 10%, it is **214, 198, 208**.

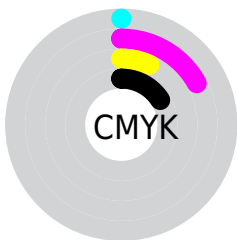
Distribution



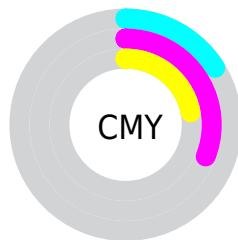
- Red (84%)
- Green (69%)
- Blue (78%)



- Red (84%)
- Yellow (69%)
- Blue (78%)



- Cyan (0%)
- Magenta (17%)
- Yellow (7%)
- Black (16%)




- Cyan (16%)
- Magenta (31%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the RYB color 214, 177, 199 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, 177, 199 by changing the saturation by 10% instead.

 214, 177, 199


255, 255, 255

 255, 233, 255

 214, 177, 199

 186, 150, 172

 159, 124, 145

 133, 99, 119

 107, 75, 95


 83, 52, 71

 59, 30, 49

 37, 9, 28

 0, 0, 0

 214, 177, 199

 214, 177, 199

■ 214, 156, 190

■ 214, 198, 208

■ 214, 134, 182

■ 214, 219, 220

■ 214, 113, 173

■ 214, 233, 241

■ 214, 91, 164

■ 214, 242, 255

■ 214, 70, 156

■ 214, 238, 255

■ 214, 49, 147

■ 214, 236, 255

■ 214, 27, 138

■ 214, 235, 255

■ 214, 6, 130

■ 214, 0, 127

Harmonies

Analogous

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



197, 181, 213



214, 177, 199



222, 176, 182

Triad

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



214, 177, 199



163, 195, 155



144, 173, 208

Complementary

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



214, 177, 199



177, 203, 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.



145, 172, 197



214, 177, 199



162, 193, 179

Square

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



214, 177, 199



211, 205, 156



157, 184, 196



156, 179, 218

Rectangle

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



214, 177, 199



222, 178, 171



157, 184, 196



143, 171, 203

Sweetspot

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



214, 177, 199



255, 242, 250



192, 177, 214



128, 120, 124



0, 0, 0



128, 128, 128

Same Dimension

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



214, 177, 199



255, 201, 233



214, 177, 181



107, 96, 103



171, 0, 102



43, 0, 26

Inverse Universe

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



214, 177, 199



255, 201, 233



177, 197, 214



107, 96, 103



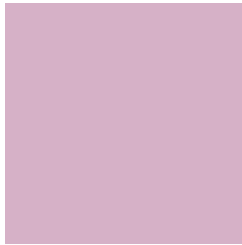
171, 0, 102



43, 0, 26

Previews

White Background



This preview shows how the RYB color 214, 177, 199 looks on a white background.

Color Contrast Check

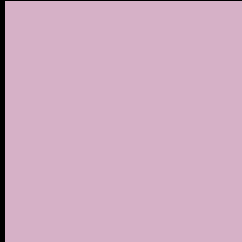
Large Text (above 18pt) WCAG AA × Fail

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, 177, 199 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

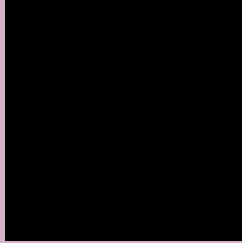
Any Text WCAG AA ✓ Pass

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, 177, 199 Background



This preview shows how black text looks on a background with the RYB color 214, 177, 199.



This preview shows how white text looks on a background with the RYB color 214, 177, 199.

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, 177, 199

Protanopia
186, 186, 205

Deuteranopia
201, 182, 198



Tritanopia
213, 178, 192

Trichromacy



Original Color
214, 177, 199

Protanomaly
196, 183, 203

Deuteranomaly
206, 180, 198

Tritanomaly
213, 178, 195

Monochromacy



Original Color
214, 177, 199

Achromatopsia
191, 191, 191

Achromatomaly
199, 186, 194

CSS Examples

Text

The CSS property to change the color of the text to RYB 214, 177, 199 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, 177, 199)` looks like.

```
.text, #text, p{  
    color:rgb(214, 177, 199)  
}
```

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, 177, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 177, 199) }
```

Border

The CSS property to change the border of an element to RYB 214, 177, 199 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, 177, 199) }
```

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

```
.border{ border-color:rgb(214, 177, 199) }
```

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

Here you see how a box with a 4 pixel rgb(214, 177, 199) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 177, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 177, 199);  
box-shadow:4px 4px 4px 4px rgb(214, 177,  
199) }
```

Background

The CSS property to change the background color of an element to RYB 214, 177, 199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 177, 199) }
```

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

```
.background{ background-color: rgb(214,  
177, 199) }
```

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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