

Converting Colors

`RYB(213, 170, 199)`

Have a look what the booklet for RYB(213, 170, 199) contains.

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Color

R_YB(213, 170, 199)

Conversions

Conversions Part 1

Format	Color
Hex	D5AAC7
RGB	213, 170, 199
RGB Percent	84%, 67%, 78%
CMY	0.1647, 0.3333, 0.2196
CMYK	0.00, 0.20, 0.07, 0.16
HSL	320°, 34%, 75%
HSV	320°, 20%, 84%
XYZ	52.1241, 47.0191, 60.3612
YIQ	186.1630, 16.3190, 18.1350

Conversions

Conversions Part 2

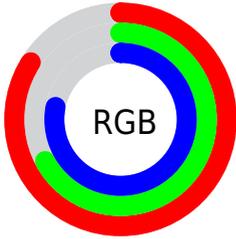
Format	Color
R _Y B	213, 170, 199
Decimal	14002887
CIE Lab	74.20, 20.46, -8.78
CIE LCh	74, 22.265, 336.786
Yxy	47.0191, 0.3268, 0.2948
Android (android.graphics.Color)	4292192967 (0xFFD5AAC7)
YUV	186.1630, 6.3286, 23.5360
Hunter-Lab	68.5705, 15.6891, -4.1924

Details

The RYB color **213, 170, 199** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **170, 202, 213**, and the grayscale version is **186, 186, 186**.

A 20% lighter version of the original color is **255, 225, 255**, and **158, 118, 145** is the 20% darker color. If you saturate the color by 10%, you get **213, 149, 192**, and if you desaturate by 10%, it is **213, 191, 206**.

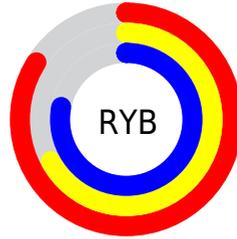
Distribution



Red (84%)

Green (67%)

Blue (78%)



Red (84%)

Yellow (67%)

Blue (78%)

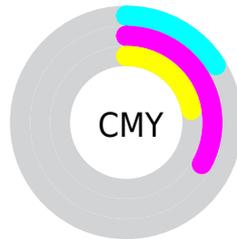


Cyan (0%)

Magenta (20%)

Yellow (7%)

Black (16%)



Cyan (16%)

Magenta (33%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the RYB color 213, 170, 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 213, 170, 199 by changing the saturation by 10% instead.

 213, 170, 199

255, 255, 255

 255, 225, 255

255, 254, 255

 213, 170, 199

 185, 143, 172

 158, 118, 145

 132, 93, 119

 106, 69, 95

 81, 46, 71

 58, 24, 49

 36, 0, 28

 0, 0, 0

 213, 170, 199

 213, 170, 199

■ 213, 149, 192

■ 213, 191, 206

■ 213, 127, 185

■ 213, 213, 213

■ 213, 106, 178

■ 213, 229, 234

■ 213, 85, 171

■ 213, 245, 255

■ 213, 63, 164

■ 213, 241, 255

■ 213, 42, 157

■ 213, 238, 255

■ 213, 21, 150

■ 213, 236, 255

■ 213, 0, 144

■ 213, 234, 255

■ 213, 234, 255

Harmonies

Analogous

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



192, 176, 215



213, 170, 199



224, 168, 178

Triad

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



213, 170, 199



154, 193, 142



126, 162, 206

Complementary

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



213, 170, 199



170, 202, 213

Split Complementary

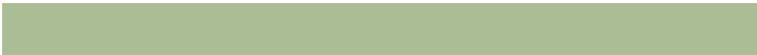
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



130, 164, 194



213, 170, 199



149, 189, 168

Square

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



213, 170, 199



212, 203, 145



148, 180, 193



139, 170, 219

Rectangle

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



213, 170, 199



225, 169, 165



148, 180, 193



125, 161, 200

Sweetspot

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



213, 170, 199



255, 240, 250



184, 170, 213



128, 119, 125



0, 0, 0



128, 128, 128

Same Dimension

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



213, 170, 199



255, 194, 235



213, 170, 178



107, 96, 104



171, 0, 115



43, 0, 29

Inverse Universe

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



213, 170, 199



255, 194, 235



170, 194, 213



107, 96, 104



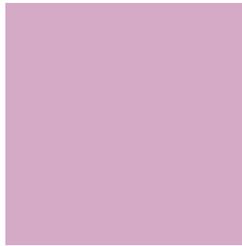
171, 0, 115



43, 0, 29

Previews

White Background



This preview shows how the RYB color 213, 170, 199 looks on a white background.

Color Contrast Check

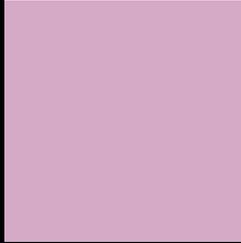
Large Text (above 18pt) WCAG AA × Fail

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 213, 170, 199 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

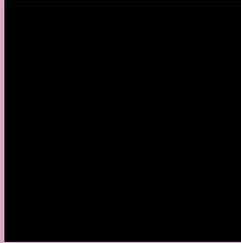
Any Text WCAG AA ✓ Pass

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 213, 170, 199 Background



This preview shows how black text looks on a background with the RYB color 213, 170, 199.



This preview shows how white text looks on a background with the RYB color 213, 170, 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
213, 170, 199

Protanopia
179, 181, 206

Deuteranopia
194, 178, 198



Tritanopia
211, 172, 186

Trichromacy



Original Color
213, 170, 199

Protanomaly
191, 177, 203

Deuteranomaly
201, 175, 198

Tritanomaly
212, 171, 191

Monochromacy



Original Color
213, 170, 199

Achromatopsia
186, 186, 186

Achromatomaly
196, 180, 191

CSS Examples

Text

The CSS property to change the color of the text to RYB 213, 170, 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(213, 170, 199)` looks like.

```
.text, #text, p{  
    color:rgb(213, 170, 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(213, 170, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 170, 199) }
```

Border

The CSS property to change the border of an element to RYB 213, 170, 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(213, 170, 199) }
```

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

```
.border{ border-color:rgb(213, 170, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 170, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(213, 170, 199); -webkit-box-shadow:4px 4px 4px 4px rgb(213, 170, 199); box-shadow:4px 4px 4px 4px rgb(213, 170, 199) }
```

Background

The CSS property to change the background color of an element to RGB 213, 170, 199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 170, 199) }
```

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

```
.background{ background-color: rgb(213,  
170, 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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