

Converting Colors

`RYB(213, 170, 207)`

Have a look what the booklet for
RYB(213, 170, 207) contains.

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Color

R_YB(213, 170, 207)

Conversions

Conversions Part 1

Format	Color
Hex	D5AACF
RGB	213, 170, 207
RGB Percent	84%, 67%, 81%
CMY	0.1647, 0.3333, 0.1882
CMYK	0.00, 0.20, 0.03, 0.16
HSL	308°, 34%, 75%
HSV	308°, 20%, 84%
XYZ	53.0778, 47.4006, 65.3832
YIQ	187.0750, 13.7510, 20.6230

Conversions

Conversions Part 2

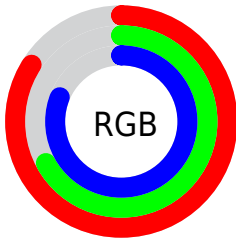
Format	Color
R _Y B	213, 170, 207
Decimal	14002895
CIE Lab	74.45, 21.89, -12.79
CIE LCh	74, 25.358, 329.703
Yxy	47.4006, 0.3200, 0.2858
Android (android.graphics.Color)	4292192975 (0xFFD5AACF)
YUV	187.0750, 9.8230, 22.7362
Hunter-Lab	68.8481, 17.1288, -8.1125

Details

The RYB color **213, 170, 207** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **170, 208, 213**, and the grayscale version is **187, 187, 187**.

A 20% lighter version of the original color is **255, 226, 255**, and **158, 118, 153** is the 20% darker color. If you saturate the color by 10%, you get **213, 149, 204**, and if you desaturate by 10%, it is **213, 191, 210**.

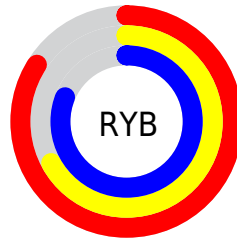
Distribution



Red (84%)

Green (67%)

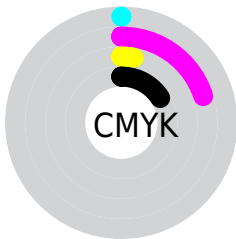
Blue (81%)



Red (84%)

Yellow (67%)

Blue (81%)

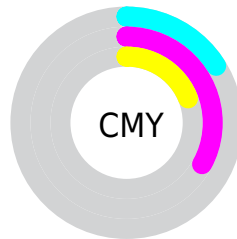


Cyan (0%)

Magenta (20%)

Yellow (3%)

Black (16%)



Cyan (16%)

Magenta (33%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the RYB color 213, 170, 207 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, 207 by changing the saturation by 10% instead.

 213, 170, 207


255, 255, 255

 255, 226, 255

255, 254, 255


 213, 170, 207


 185, 143, 179

 158, 118, 153

 132, 93, 127

 106, 69, 102

 81, 46, 78


 58, 24, 55

 36, 0, 33

 0, 0, 8

 0, 0, 0

 213, 170, 207

 213, 170, 207

 213, 149, 204


 213, 191, 210

 213, 127, 201

 213, 213, 213

 213, 106, 198

 213, 231, 234

 213, 85, 195


 213, 250, 255

 213, 63, 192

 213, 248, 255

 213, 42, 189

 213, 246, 255

 213, 21, 186

 213, 244, 255

 213, 0, 183

 213, 242, 255

 213, 241, 255

Harmonies

Analogous

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



187, 177, 224



213, 170, 207



228, 166, 184

Triad

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



213, 170, 207



166, 201, 137



115, 158, 205

Complementary

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



213, 170, 207



170, 208, 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.



126, 165, 196



213, 170, 207



142, 189, 155

Square

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



213, 170, 207



220, 194, 144



149, 186, 194



127, 166, 223

Rectangle

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



213, 170, 207



231, 167, 168



149, 186, 194



117, 157, 198

Sweetspot

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



213, 170, 207



255, 240, 253



176, 170, 213



128, 119, 126



0, 0, 0



128, 128, 128

Same Dimension

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



213, 170, 207



255, 194, 246



213, 170, 186



107, 96, 106



171, 0, 147



43, 0, 37

Inverse Universe

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



213, 170, 207



255, 194, 246



170, 196, 213



107, 96, 106



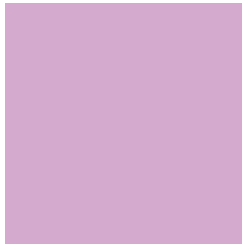
171, 0, 147



43, 0, 37

Previews

White Background



This preview shows how the RYB color 213, 170, 207 looks on a white background.

Color Contrast Check

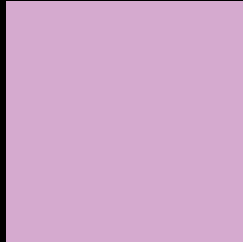
Large Text (above 18pt) WCAG AA × Fail

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, 207 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

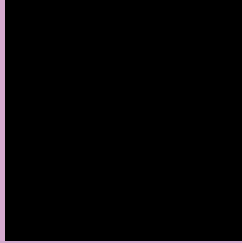
Any Text WCAG AA ✓ Pass

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](#).

RYP 213, 170, 207 Background



This preview shows how black text looks on a background with the RYB color 213, 170, 207.



This preview shows how white text looks on a background with the RYB color 213, 170, 207.

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, 207

Protanopia
177, 181, 215

Deuteranopia
191, 178, 205



Tritanopia
210, 173, 187

Trichromacy



Original Color
213, 170, 207

Protanomaly
190, 178, 212

Deuteranomaly
199, 175, 206

Tritanomaly
211, 172, 194

Monochromacy



Original Color
213, 170, 207

Achromatopsia
187, 187, 187

Achromatomaly
196, 181, 194

CSS Examples

Text

The CSS property to change the color of the text to RYB 213, 170, 207 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, 207) looks like.

```
.text, #text, p{  
    color:rgb(213, 170, 207)  
}
```

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, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 170, 207) }
```

Border

The CSS property to change the border of an element to RYB 213, 170, 207 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, 207) }
```

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

```
.border{ border-color:rgb(213, 170, 207) }
```

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, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 170, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 170, 207);  
box-shadow:4px 4px 4px 4px rgb(213, 170,  
207) }
```

Background

The CSS property to change the background color of an element to RGB 213, 170, 207 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, 207) }
```

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

```
.background{ background-color: rgb(213,  
170, 207) }
```

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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