

Converting Colors

`RYB(213, 144, 187)`

Have a look what the booklet for
RYB(213, 144, 187) contains.

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Color

$\text{RYB}(213, 144, 187)$

Conversions

Conversions Part 1

Format	Color
Hex	D590BB
RGB	213, 144, 187
RGB Percent	84%, 56%, 73%
CMY	0.1647, 0.4353, 0.2667
CMYK	0.00, 0.32, 0.12, 0.16
HSL	323°, 45%, 70%
HSV	323°, 32%, 84%
XYZ	46.3835, 37.6805, 51.8421
YIQ	169.5330, 27.3210, 28.0010

Conversions

Conversions Part 2

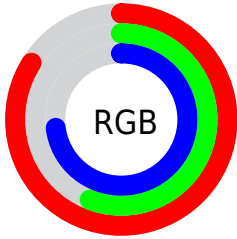
Format	Color
R_{YB}	213, 144, 187
Decimal	13996219
CIE _{Lab}	67.78, 32.51, -11.72
CIE _{LCh}	68, 34.558, 340.182
Yxy	37.6805, 0.3413, 0.2773
Android (android.graphics.Color)	4292186299 (0xFFD590BB)
YUV	169.5330, 8.6112, 38.1206
Hunter-Lab	61.3845, 27.4558, -7.1041

Details

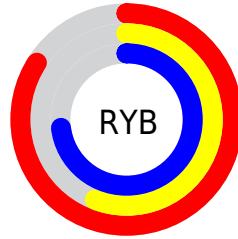
The RYB color **213, 144, 187** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **144, 194, 213**, and the grayscale version is **169, 169, 169**.

A 20% lighter version of the original color is **255, 199, 243**, and **157, 92, 134** is the 20% darker color. If you saturate the color by 10%, you get **213, 123, 179**, and if you desaturate by 10%, it is **213, 165, 195**.

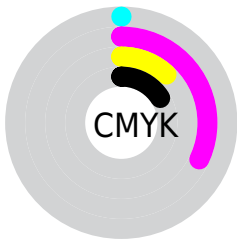
Distribution



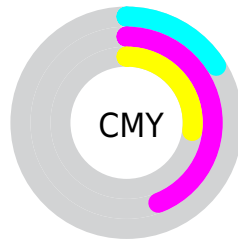
- Red (84%)
- Green (56%)
- Blue (73%)



- Red (84%)
- Yellow (56%)
- Blue (73%)



- Cyan (0%)
- Magenta (32%)
- Yellow (12%)
- Black (16%)



- Cyan (16%)
- Magenta (44%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the RYB color 213, 144, 187 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, 144, 187 by changing the saturation by 10% instead.

 213, 144, 187

 213, 144, 187


255, 255, 255

 185, 118, 160

 255, 199, 243

 157, 92, 134

 255, 227, 255

 130, 68, 108

 104, 44, 84

 79, 19, 61

 54, 0, 39

 33, 0, 18


 0, 0, 0


 213, 144, 187


 213, 144, 187

 213, 123, 179


 213, 165, 195

 213, 101, 171


 213, 187, 203

 213, 80, 163


 213, 208, 211

 213, 59, 155


 213, 225, 229

 213, 38, 147

 213, 241, 251

 213, 16, 139

 213, 241, 255

 213, 0, 133

 213, 238, 255

 213, 235, 255

 213, 234, 255

Harmonies

Analogous

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



183, 153, 213



213, 144, 187



226, 141, 156

Triad

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



213, 144, 187



113, 176, 103



49, 120, 204

Complementary

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



213, 144, 187



144, 194, 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.



64, 125, 182



213, 144, 187



117, 175, 151

Square

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



213, 144, 187



202, 204, 107



103, 154, 180



87, 140, 223

Rectangle

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



213, 144, 187



225, 145, 135



103, 154, 180



47, 117, 195

Sweetspot

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



213, 144, 187



255, 230, 245



169, 144, 213



128, 112, 122



0, 0, 0



128, 128, 128

Same Dimension

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



213, 144, 187



255, 156, 218



213, 144, 153



107, 96, 103



171, 0, 106



43, 0, 27

Inverse Universe

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



213, 144, 187



255, 156, 218



144, 181, 213



107, 96, 103



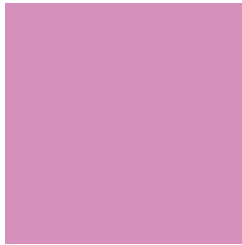
171, 0, 106



43, 0, 27

Previews

White Background



This preview shows how the RYB color 213, 144, 187 looks on a white background.

Color Contrast Check

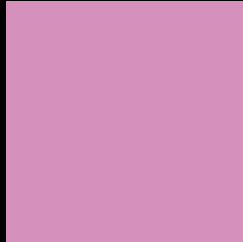
Large Text (above 18pt) WCAG AA × Fail

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, 144, 187 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, 144, 187 Background



This preview shows how black text looks on a background with the RYB color 213, 144, 187.



This preview shows how white text looks on a background with the RYB color 213, 144, 187.

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, 144, 187

Protanopia
158, 163, 200

Deuteranopia
173, 161, 184



Tritanopia
210, 149, 160

Trichromacy



Original Color

213, 144, 187



Protanomaly

178, 157, 195



Deuteranomaly

188, 155, 185



Tritanomaly

211, 147, 170

Monochromacy



Original Color

213, 144, 187



Achromatopsia

170, 170, 170



Achromatomaly

186, 161, 176

CSS Examples

Text

The CSS property to change the color of the text to RYB 213, 144, 187 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, 144, 187) looks like.

```
.text, #text, p{  
    color:rgb(213, 144, 187)  
}
```

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, 144, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 144, 187) }
```

Border

The CSS property to change the border of an element to RYB 213, 144, 187 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, 144, 187) }
```

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

```
.border{ border-color:rgb(213, 144, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 144, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 144, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 144, 187);  
box-shadow:4px 4px 4px 4px rgb(213, 144,  
187) }
```

Background

The CSS property to change the background color of an element to RYB 213, 144, 187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 144, 187) }
```

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

```
.background{ background-color: rgb(213,  
144, 187) }
```

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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