

Converting Colors

`RYB(213, 176, 247)`

Have a look what the booklet for RYB(213, 176, 247) contains.

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Color

R_YB(213, 176, 247)

Conversions

Conversions Part 1

Format	Color
Hex	D5B0F7
RGB	213, 176, 247
RGB Percent	84%, 69%, 97%
CMY	0.1647, 0.3098, 0.0314
CMYK	0.14, 0.29, 0.00, 0.03
HSL	271°, 82%, 83%
HSV	271°, 29%, 97%
XYZ	59.7544, 51.9122, 94.8663
YIQ	195.1570, -0.7390, 29.9250

Conversions

Conversions Part 2

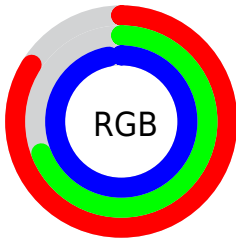
Format	Color
R _Y B	213, 176, 247
Decimal	14004471
CIE Lab	77.23, 26.49, -30.28
CIE LCh	77, 40.231, 311.174
Yxy	51.9122, 0.2893, 0.2514
Android (android.graphics.Color)	4292194551 (0xFFD5B0F7)
YUV	195.1570, 25.5586, 15.6483
Hunter-Lab	72.0501, 21.9504, -27.6304

Details

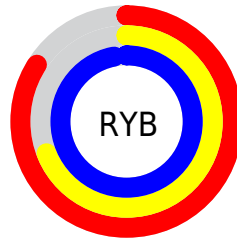
The RYB color **213, 176, 247** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **176, 247, 213**, and the grayscale version is **195, 195, 195**.

A 20% lighter version of the original color is **255, 232, 255**, and **158, 123, 190** is the 20% darker color. If you saturate the color by 10%, you get **201, 151, 247**, and if you desaturate by 10%, it is **225, 201, 247**.

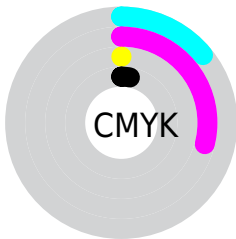
Distribution



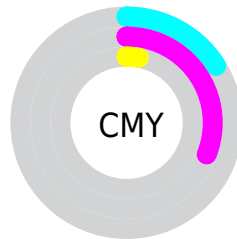
- Red (84%)
- Green (69%)
- Blue (97%)



- Red (84%)
- Yellow (69%)
- Blue (97%)



- Cyan (14%)
- Magenta (29%)
- Yellow (0%)
- Black (3%)



- Cyan (16%)
- Magenta (31%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the RYB color 213, 176, 247 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, 176, 247 by changing the saturation by 10% instead.

 213, 176, 247


255, 255, 255


 255, 232, 255

 213, 176, 247


 185, 149, 218

 158, 123, 190

 131, 98, 163


 105, 74, 137

 80, 51, 111

 55, 28, 86

 32, 7, 63

 4, 0, 41

 0, 1, 18

■ 213, 176, 247

■ 213, 176, 247

■ 201, 151, 247

■ 225, 201, 247

■ 189, 127, 247

■ 237, 225, 247

■ 178, 102, 247

■ 247, 250, 249

■ 166, 77, 247

■ 247, 255, 247

■ 154, 52, 247

■ 142, 28, 247

■ 130, 3, 247

■ 129, 0, 247

Harmonies

Analogous

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



160, 183, 255



213, 176, 247



249, 165, 216

Triad

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



213, 176, 247



230, 236, 121



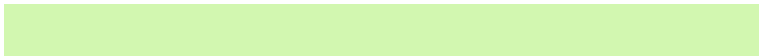
63, 139, 211

Complementary

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



213, 176, 247



176, 247, 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.



114, 176, 209



213, 176, 247



127, 202, 117

Square

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



213, 176, 247



255, 175, 143



133, 203, 175



39, 131, 239

Rectangle

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



213, 176, 247



255, 162, 191



133, 203, 175



80, 151, 211

Sweetspot

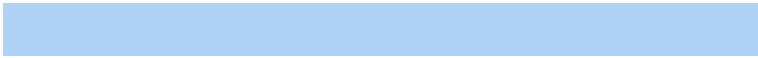
The Sweet Spot groups the original color and five complimentary colors.



213, 176, 247



244, 232, 255



176, 199, 247



121, 113, 128



0, 0, 0



128, 128, 128

Same Dimension

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



213, 176, 247



213, 168, 255



247, 176, 246



117, 110, 122



97, 0, 186



31, 0, 59

Inverse Universe

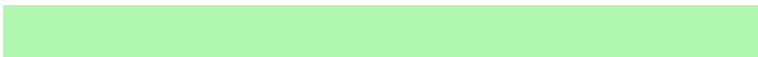
The Inverse Universe completely reimagines the original color for something new.



247, 176, 210



255, 168, 210



176, 246, 247



122, 110, 116



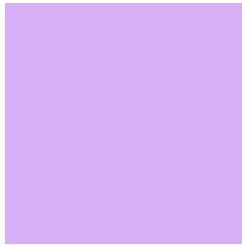
186, 0, 89



59, 0, 28

Previews

White Background



This preview shows how the RYB color 213, 176, 247 looks on a white background.

Color Contrast Check

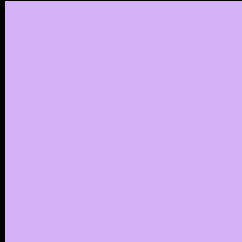
Large Text (above 18pt) WCAG AA × Fail

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, 176, 247 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

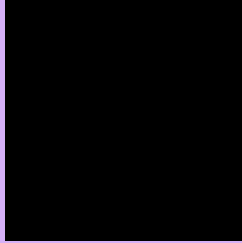
Any Text WCAG AA ✓ Pass

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, 176, 247 Background



This preview shows how black text looks on a background with the RYB color 213, 176, 247.




This preview shows how white text looks on a background with the RYB color 213, 176, 247.

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





Tritanopia
205, 185, 200

Trichromacy



Original Color

213, 176, 247



Protanomaly

187, 184, 252



Deuteranomaly

193, 183, 246



Tritanomaly

208, 182, 217

Monochromacy



Original Color

213, 176, 247



Achromatopsia

195, 195, 195



Achromatomaly

202, 188, 214

CSS Examples

Text

The CSS property to change the color of the text to RYB 213, 176, 247 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, 176, 247) looks like.

```
.text, #text, p{  
    color:rgb(213, 176, 247)  
}
```

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, 176, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 176, 247) }
```

Border

The CSS property to change the border of an element to RYB 213, 176, 247 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, 176, 247) }
```

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

```
.border{ border-color:rgb(213, 176, 247) }
```

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

Here you see how a box with a 4 pixel rgb(213, 176, 247) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 176, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 176, 247);  
box-shadow:4px 4px 4px 4px rgb(213, 176,  
247) }
```

Background

The CSS property to change the background color of an element to RGB 213, 176, 247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 176, 247) }
```

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

```
.background{ background-color: rgb(213,  
176, 247) }
```

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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