

Converting Colors

`RYB(192, 178, 243)`

Have a look what the booklet for RYB(192, 178, 243) contains.

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Color

R_YB(192, 178, 243)

Conversions

Conversions Part 1

Format	Color
Hex	C0B2F3
RGB	192, 178, 243
RGB Percent	75%, 70%, 95%
CMY	0.2471, 0.3020, 0.0471
CMYK	0.21, 0.27, 0.00, 0.05
HSL	253°, 73%, 83%
HSV	253°, 27%, 95%
XYZ	53.8363, 49.5183, 91.5145
YIQ	189.5960, -12.5210, 23.1830

Conversions

Conversions Part 2

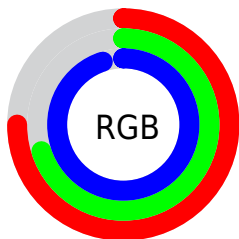
Format	Color
R_{YB}	192, 178, 243
Decimal	12628723
CIE _{Lab}	75.77, 18.13, -30.52
CIE _{LCh}	76, 35.492, 300.709
Yxy	49.5183, 0.2763, 0.2541
Android (android.graphics.Color)	4290818803 (0xFFC0B2F3)
YUV	189.5960, 26.3282, 2.1083
Hunter-Lab	70.3693, 13.4160, -27.8476

Details

The RYB color **192, 178, 243** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **178, 243, 192**, and the grayscale version is **189, 189, 189**.

A 20% lighter version of the original color is **249, 234, 255**, and **138, 125, 187** is the 20% darker color. If you saturate the color by 10%, you get **173, 154, 243**, and if you desaturate by 10%, it is **211, 202, 243**.

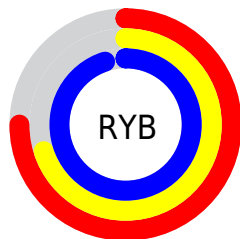
Distribution



Red (75%)

Green (70%)

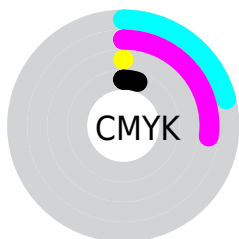
Blue (95%)



Red (75%)

Yellow (70%)

Blue (95%)

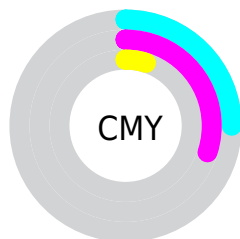


Cyan (21%)

Magenta (27%)

Yellow (0%)

Black (5%)



Cyan (25%)

Magenta (30%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the RYB color 192, 178, 243 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 192, 178, 243 by changing the saturation by 10% instead.

■ 192, 178, 243

255, 255, 255

■ 249, 234, 255

■ 192, 178, 243

■ 164, 151, 214

■ 138, 125, 187

■ 111, 100, 159

■ 86, 76, 133

■ 61, 54, 108

■ 37, 32, 83

■ 11, 11, 60

■ 0, 2, 37

■ 0, 1, 14

■ 192, 178, 243

■ 192, 178, 243

■ 173, 154, 243

■ 211, 202, 243

■ 154, 129, 243

■ 230, 227, 243

■ 135, 105, 243

■ 243, 251, 245

■ 116, 81, 243

■ 243, 255, 243

■ 97, 56, 243

■ 78, 32, 243

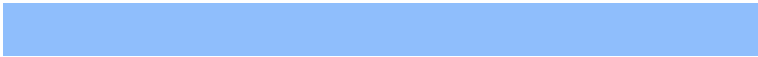
■ 59, 8, 243

■ 52, 0, 243

Harmonies

Analogous

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



143, 176, 252



192, 178, 243



229, 167, 219

Triad

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



192, 178, 243



235, 204, 131



96, 156, 205

Complementary

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



192, 178, 243



178, 243, 192

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.



135, 187, 202



192, 178, 243



152, 208, 121

Square

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



192, 178, 243



250, 166, 155



130, 195, 151



72, 142, 219

Rectangle

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



192, 178, 243



244, 163, 198



130, 195, 151



109, 165, 204

Sweetspot

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



192, 178, 243



239, 235, 255



178, 207, 243



117, 115, 128



0, 0, 0



128, 128, 128

Same Dimension

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



192, 178, 243



191, 173, 255



223, 178, 243



113, 110, 122



40, 0, 186



13, 0, 59

Inverse Universe

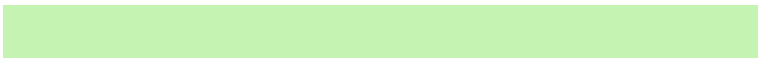
The Inverse Universe completely reimagines the original color for something new.



243, 178, 229



255, 173, 237



178, 243, 224



122, 110, 120



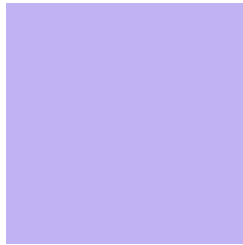
186, 0, 146



59, 0, 46

Previews

White Background



This preview shows how the RYB color 192, 178, 243 looks on a white background.

Color Contrast Check

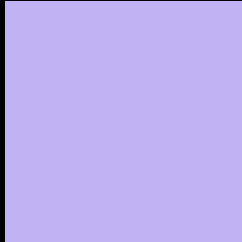
Large Text (above 18pt) WCAG AA × Fail

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 192, 178, 243 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

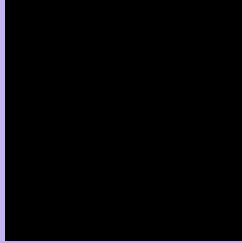
Any Text WCAG AA ✓ Pass

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 192, 178, 243 Background



This preview shows how black text looks on a background with the RYB color 192, 178, 243.



This preview shows how white text looks on a background with the RYB color 192, 178, 243.

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
192, 178, 243

Protanopia
169, 182, 248

Deuteranopia
175, 182, 242



Tritanopia
184, 186, 201

Trichromacy



Original Color
192, 178, 243

Protanomaly
177, 182, 246

Deuteranomaly
181, 181, 242

Tritanomaly
187, 183, 216

Monochromacy



Original Color
192, 178, 243

Achromatopsia
190, 190, 190

Achromatomaly
191, 186, 209

CSS Examples

Text

The CSS property to change the color of the text to RYB 192, 178, 243 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(192, 178, 243)` looks like.

```
.text, #text, p{  
    color:rgb(192, 178, 243)  
}
```

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(192, 178, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 178, 243) }
```

Border

The CSS property to change the border of an element to RYB 192, 178, 243 is called "border". The border property can be set on classes, ids or directly on the HTML element.

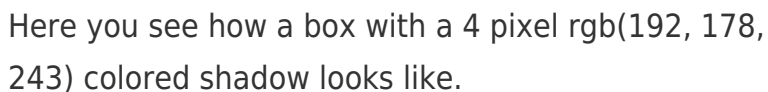
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(192, 178, 243) }
```

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

```
.border{ border-color:rgb(192, 178, 243) }
```

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



Here you see how a box with a 4 pixel `rgb(192, 178, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(192, 178, 243); -webkit-box-shadow:4px 4px 4px 4px rgb(192, 178, 243); box-shadow:4px 4px 4px 4px rgb(192, 178, 243) }
```

Background

The CSS property to change the background color of an element to RYB 192, 178, 243 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 178, 243) }
```

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

```
.background{ background-color: rgb(192,  
178, 243) }
```

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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