

Converting Colors

`RYB(192, 172, 214)`

Have a look what the booklet for
RYB(192, 172, 214) contains.

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Color

R_YB(192, 172, 214)

Conversions

Conversions Part 1

Format	Color
Hex	C0ACD6
RGB	192, 172, 214
RGB Percent	75%, 67%, 84%
CMY	0.2471, 0.3255, 0.1608
CMYK	0.10, 0.20, 0.00, 0.16
HSL	269°, 34%, 76%
HSV	269°, 20%, 84%
XYZ	48.6284, 45.5666, 69.8506
YIQ	182.7680, -1.5620, 17.3020

Conversions

Conversions Part 2

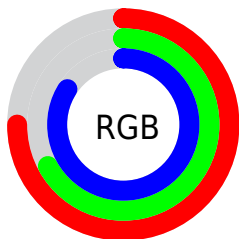
Format	Color
RYB	192, 172, 214
Decimal	12627158
CIELab	73.26, 15.15, -18.59
CIELCh	73, 23.978, 309.173
Yxy	45.5666, 0.2964, 0.2778
Android (android.graphics.Color)	4290817238 (0xFFC0ACD6)
YUV	182.7680, 15.3974, 8.0965
Hunter-Lab	67.5030, 10.4590, -14.0998

Details

The RYB color **192, 172, 214** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **172, 214, 192**, and the grayscale version is **183, 183, 183**.

A 20% lighter version of the original color is **249, 227, 255**, and **138, 120, 159** is the 20% darker color. If you saturate the color by 10%, you get **181, 151, 214**, and if you desaturate by 10%, it is **203, 193, 214**.

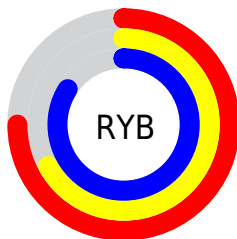
Distribution



Red (75%)

Green (67%)

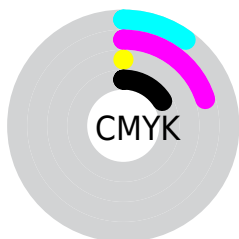
Blue (84%)



Red (75%)

Yellow (67%)

Blue (84%)

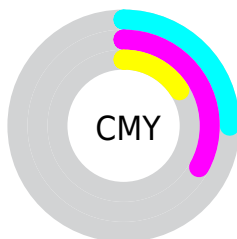


Cyan (10%)

Magenta (20%)

Yellow (0%)

Black (16%)



Cyan (25%)


Magenta (33%)

Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the RYB color 192, 172, 214 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, 172, 214 by changing the saturation by 10% instead.

 192, 172, 214


255, 255, 255

 249, 227, 255

 192, 172, 214


 165, 145, 186

 138, 120, 159


 113, 95, 133

 88, 71, 108


 64, 49, 83

 41, 27, 60


 22, 2, 38

 0, 1, 16


 0, 0, 0

 192, 172, 214

 192, 172, 214

 181, 151, 214

 203, 193, 214

 170, 129, 214

 214, 215, 215

 158, 108, 214

 214, 236, 224

 147, 86, 214

 214, 255, 232

 136, 65, 214

 214, 255, 221

 125, 44, 214

 214, 255, 214

 114, 22, 214

 102, 1, 214

 102, 0, 214

Harmonies

Analogous

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



163, 176, 223



192, 172, 214



214, 166, 196

Triad

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



192, 172, 214



210, 204, 139



122, 159, 192

Complementary

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



192, 172, 214



172, 214, 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.



140, 175, 191



192, 172, 214



146, 189, 137

Square

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



192, 172, 214



223, 171, 153



145, 187, 167



118, 158, 207

Rectangle

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



192, 172, 214



222, 164, 181



145, 187, 167



127, 163, 192

Sweetspot

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



192, 172, 214



247, 240, 255



172, 186, 214



123, 119, 128



0, 0, 0



128, 128, 128

Same Dimension

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



192, 172, 214



223, 194, 255



213, 172, 214



101, 96, 107



81, 0, 171



21, 0, 43

Inverse Universe

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



214, 172, 194



255, 194, 226



172, 214, 213



107, 96, 102



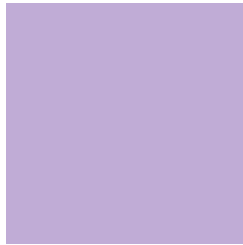
171, 0, 89



43, 0, 23

Previews

White Background



This preview shows how the RYB color 192, 172, 214 looks on a white background.

Color Contrast Check

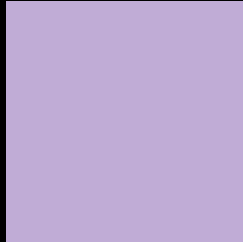
Large Text (above 18pt) WCAG AA × Fail

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, 172, 214 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

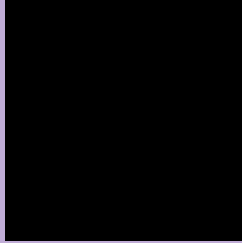
Any Text WCAG AA ✓ Pass

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, 172, 214 Background



This preview shows how black text looks on a background with the RYB color 192, 172, 214.



This preview shows how white text looks on a background with the RYB color 192, 172, 214.

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, 172, 214

Protanopia
171, 177, 218

Deuteranopia
181, 176, 213



Tritanopia
188, 176, 190

Trichromacy



Original Color
192, 172, 214

Protanomaly
179, 176, 217

Deuteranomaly
185, 175, 213

Tritanomaly
189, 175, 199

Monochromacy



Original Color
192, 172, 214

Achromatopsia
183, 183, 183

Achromatomaly
186, 179, 194

CSS Examples

Text

The CSS property to change the color of the text to RYB 192, 172, 214 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, 172, 214)` looks like.

```
.text, #text, p{  
    color:rgb(192, 172, 214)  
}
```

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, 172, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 172, 214) }
```

Border

The CSS property to change the border of an element to RYB 192, 172, 214 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, 172, 214) }
```

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

```
.border{ border-color:rgb(192, 172, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 172, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 172, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 172, 214);  
box-shadow:4px 4px 4px 4px rgb(192, 172,  
214) }
```

Background

The CSS property to change the background color of an element to RYB 192, 172, 214 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 172, 214) }
```

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

```
.background{ background-color: rgb(192,  
172, 214) }
```

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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