

Converting Colors

`RYB(192, 175, 255)`

Have a look what the booklet for
RYB(192, 175, 255) contains.

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Color

R_YB(192, 175, 255)

Conversions

Conversions Part 1

Format	Color
Hex	C0AFFF
RGB	192, 175, 255
RGB Percent	75%, 69%, 100%
CMY	0.2471, 0.3137, 0.0000
CMYK	0.25, 0.31, 0.00, 0.00
HSL	253°, 100%, 84%
HSV	253°, 31%, 100%
XYZ	55.1182, 49.0864, 101.1773
YIQ	189.2030, -15.5480, 28.4840

Conversions

Conversions Part 2

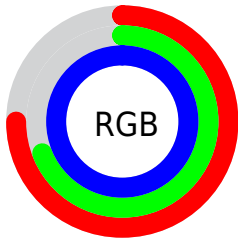
Format	Color
RYB	192, 175, 255
Decimal	12627967
CIELab	75.51, 22.54, -37.40
CIELCh	76, 43.664, 301.073
Yxy	49.0864, 0.2684, 0.2390
Android (android.graphics.Color)	4290818047 (0xFFC0AFFF)
YUV	189.2030, 32.4379, 2.4530
Hunter-Lab	70.0617, 17.8197, -36.5785

Details

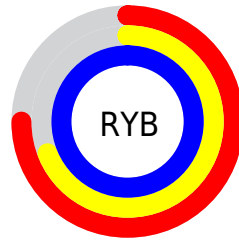
The RYB color **192, 175, 255** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **175, 255, 192**, and the grayscale version is **189, 189, 189**.

A 20% lighter version of the original color is **250, 231, 255**, and **137, 122, 198** is the 20% darker color. If you saturate the color by 10%, you get **172, 149, 255**, and if you desaturate by 10%, it is **212, 201, 255**.

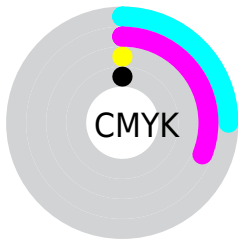
Distribution



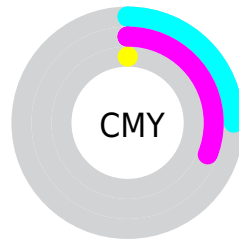
- Red (75%)
- Green (69%)
- Blue (100%)



- Red (75%)
- Yellow (69%)
- Blue (100%)



- Cyan (25%)
- Magenta (31%)
- Yellow (0%)
- Black (0%)



- Cyan (25%)
- Magenta (31%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the RYB color 192, 175, 255 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, 175, 255 by changing the saturation by 10% instead.


 192, 175, 255

255, 255, 255

 250, 231, 255

 192, 175, 255

 164, 148, 226


 137, 122, 198

 110, 98, 170

 84, 74, 144


 59, 51, 118

 32, 30, 93


 1, 7, 69

 0, 1, 46


 0, 1, 24

 192, 175, 255

 192, 175, 255

 172, 149, 255

 212, 201, 255

 152, 124, 255

 232, 226, 255

 132, 98, 255

 252, 252, 255

 112, 73, 255

255, 255, 255

 92, 48, 255

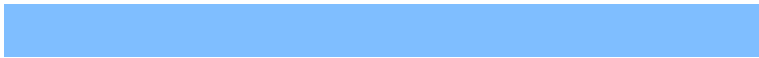
 72, 22, 255

 54, 0, 255

Harmonies

Analogous

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



127, 169, 255



192, 175, 255



238, 161, 226

Triad

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



192, 175, 255



243, 210, 116



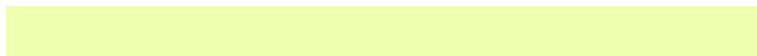
55, 137, 207

Complementary

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



192, 175, 255



175, 255, 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.



119, 184, 204



192, 175, 255



138, 210, 104

Square

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



192, 175, 255



255, 159, 147



115, 196, 142



0, 108, 226

Rectangle

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



192, 175, 255



255, 155, 200



115, 196, 142



80, 154, 207

Sweetspot

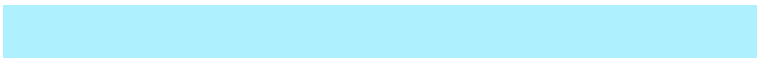
The Sweet Spot groups the original color and five complimentary colors.



192, 175, 255



237, 232, 255



175, 211, 255



116, 113, 128



0, 0, 0



128, 128, 128

Same Dimension

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



192, 175, 255



179, 158, 255



231, 175, 255



117, 115, 128



41, 0, 191



14, 0, 64

Inverse Universe

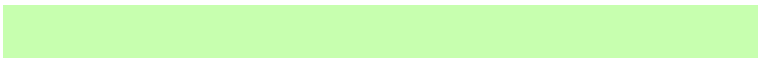
The Inverse Universe completely reimagines the original color for something new.



255, 175, 238



255, 158, 234



175, 255, 231



128, 115, 125



191, 0, 151



64, 0, 50

Previews

White Background



This preview shows how the RYB color 192, 175, 255 looks on a white background.

Color Contrast Check

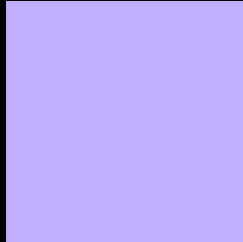
Large Text (above 18pt) WCAG AA × Fail

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, 175, 255 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

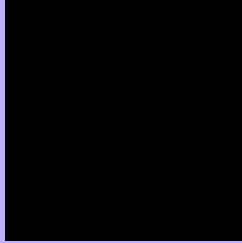
Any Text WCAG AA ✓ Pass

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, 175, 255 Background



This preview shows how black text looks on a background with the RYB color 192, 175, 255.



This preview shows how white text looks on a background with the RYB color 192, 175, 255.

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](#).

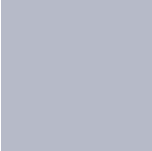
Dichromacy



Original Color
192, 175, 255

Protanopia
165, 181, 255

Deuteranopia
166, 180, 253



Tritanopia
182, 185, 200

Trichromacy



Original Color
192, 175, 255

Protanomaly
175, 181, 255

Deuteranomaly
175, 180, 254

Tritanomaly
186, 182, 220

Monochromacy



Original Color
192, 175, 255

Achromatopsia
189, 189, 189

Achromatomaly
190, 184, 213

CSS Examples

Text

The CSS property to change the color of the text to RYB 192, 175, 255 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, 175, 255)` looks like.

```
.text, #text, p{  
    color:rgb(192, 175, 255)  
}
```

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, 175, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 175, 255) }
```

Border

The CSS property to change the border of an element to RYB 192, 175, 255 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, 175, 255) }
```

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

```
.border{ border-color:rgb(192, 175, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 175, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 175, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 175, 255);  
box-shadow:4px 4px 4px 4px rgb(192, 175,  
255) }
```

Background

The CSS property to change the background color of an element to RYB 192, 175, 255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 175, 255) }
```

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

```
.background{ background-color: rgb(192,  
175, 255) }
```

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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