

Converting Colors

`RYB(175, 175, 250)`

Have a look what the booklet for
RYB(175, 175, 250) contains.

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Color

R_YB(175, 175, 250)

Conversions

Conversions Part 1

Format	Color
Hex	AFAFFA
RGB	175, 175, 250
RGB Percent	69%, 69%, 98%
CMY	0.3137, 0.3137, 0.0196
CMYK	0.30, 0.30, 0.00, 0.02
HSL	240°, 88%, 83%
HSV	240°, 30%, 98%
XYZ	50.2645, 46.6760, 96.8026
YIQ	183.5500, -24.0750, 23.3250

Conversions

Conversions Part 2

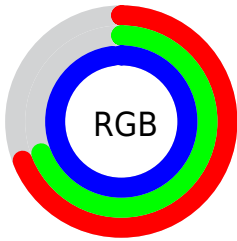
Format	Color
R _Y B	175, 175, 250
Decimal	11513850
CIE Lab	73.98, 16.48, -37.17
CIE LCh	74, 40.661, 293.916
Yxy	46.6760, 0.2594, 0.2409
Android (android.graphics.Color)	4289703930 (0xFFFAFFFA)
YUV	183.5500, 32.7599, -7.4983
Hunter-Lab	68.3199, 11.7668, -36.1843

Details

The RYB color `175, 175, 250` is a light color, and the websafe version is hex `9999CC`. A complement of this color would be `175, 250, 175`, and the grayscale version is `183, 183, 183`.

A 20% lighter version of the original color is `232, 230, 255`, and `120, 123, 193` is the 20% darker color. If you saturate the color by 10%, you get `150, 150, 250`, and if you desaturate by 10%, it is `200, 200, 250`.

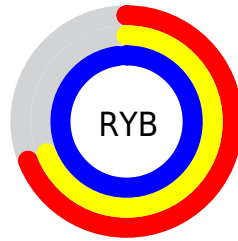
Distribution



Red (69%)

Green (69%)

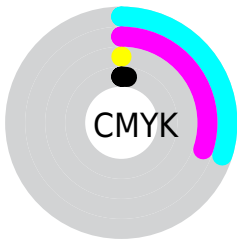
Blue (98%)



Red (69%)

Yellow (69%)

Blue (98%)

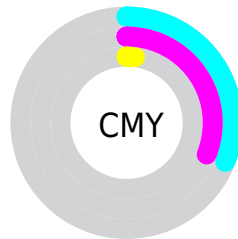


Cyan (30%)

Magenta (30%)

Yellow (0%)

Black (2%)



Cyan (31%)

Magenta (31%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the RYB color 175, 175, 250 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 175, 175, 250 by changing the saturation by 10% instead.

■ 175, 175, 250

255, 255, 255

■ 232, 230, 255

■ 175, 175, 250

■ 147, 148, 221

■ 120, 123, 193

■ 94, 98, 166

■ 68, 74, 139

■ 41, 51, 113

■ 7, 26, 89


■ 0, 7, 65

■ 0, 3, 42

■ 0, 1, 20

 175, 175, 250


 175, 175, 250

 150, 150, 250

 200, 200, 250

 125, 125, 250

 225, 225, 250

 100, 100, 250

 250, 250, 250

 75, 75, 250

 250, 255, 250

 50, 50, 250

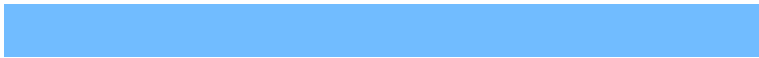
 25, 25, 250

 0, 0, 250

Harmonies

Analogous

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



113, 162, 255



175, 175, 250



222, 162, 226

Triad

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



175, 175, 250



241, 186, 123



81, 149, 201

Complementary

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



175, 175, 250



175, 250, 175

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.



132, 192, 197



175, 175, 250



162, 213, 107

Square

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



175, 175, 250



254, 154, 153



112, 189, 125



7, 106, 211

Rectangle

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



175, 175, 250



242, 155, 204



112, 189, 125



99, 162, 200

Sweetspot

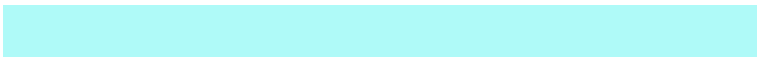
The Sweet Spot groups the original color and five complimentary colors.



175, 175, 250



232, 232, 255



175, 213, 250



113, 113, 128



0, 0, 0



128, 128, 128

Same Dimension

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



175, 175, 250



163, 163, 255



212, 175, 250



112, 112, 125



0, 0, 189



0, 0, 61

Inverse Universe

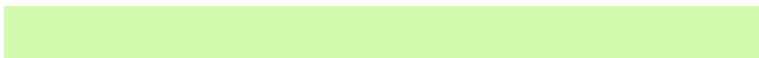
The Inverse Universe completely reimagines the original color for something new.



250, 175, 250



255, 163, 255



175, 250, 213



125, 112, 125



189, 0, 189



61, 0, 61

Previews

White Background



This preview shows how the RYB color 175, 175, 250 looks on a white background.

Color Contrast Check

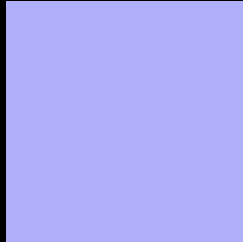
Large Text (above 18pt) WCAG AA × Fail

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 175, 175, 250 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

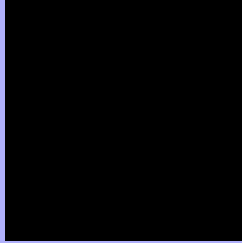
Any Text WCAG AA ✓ Pass

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 175, 175, 250 Background



This preview shows how black text looks on a background with the RYB color 175, 175, 250.



This preview shows how white text looks on a background with the RYB color 175, 175, 250.

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
175, 175, 250

Protanopia
159, 175, 253

Deuteranopia
161, 176, 249



Tritanopia
164, 177, 199

Trichromacy



Original Color
175, 175, 250

Protanomaly
165, 176, 252

Deuteranomaly
166, 176, 249

Tritanomaly
168, 178, 218

Monochromacy



Original Color
175, 175, 250

Achromatopsia
184, 184, 184

Achromatomaly
181, 181, 208

CSS Examples

Text

The CSS property to change the color of the text to RYB 175, 175, 250 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(175, 175, 250)` looks like.

```
.text, #text, p{  
    color:rgb(175, 175, 250)  
}
```

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(175, 175, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 175, 250) }
```

Border

The CSS property to change the border of an element to RYB 175, 175, 250 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(175, 175, 250) }
```

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

```
.border{ border-color:rgb(175, 175, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 175, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 175, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 175, 250);  
box-shadow:4px 4px 4px 4px rgb(175, 175,  
250) }
```

Background

The CSS property to change the background color of an element to RYB 175, 175, 250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 175, 250) }
```

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

```
.background{ background-color: rgb(175,  
175, 250) }
```

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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