

Converting Colors

`RYB(182, 172, 226)`

Have a look what the booklet for RYB(182, 172, 226) contains.

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Color

R_YB(182, 172, 226)

Conversions

Conversions Part 1

Format	Color
Hex	B6ACE2
RGB	182, 172, 226
RGB Percent	71%, 67%, 89%
CMY	0.2863, 0.3255, 0.1137
CMYK	0.19, 0.24, 0.00, 0.11
HSL	251°, 48%, 78%
HSV	251°, 24%, 89%
XYZ	47.7714, 44.9411, 78.1082
YIQ	181.1460, -11.3740, 18.9140

Conversions

Conversions Part 2

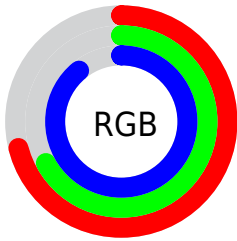
Format	Color
RYB	182, 172, 226
Decimal	11971810
CIELab	72.85, 14.55, -25.84
CIELCh	73, 29.657, 299.384
Yxy	44.9411, 0.2797, 0.2631
Android (android.graphics.Color)	4290161890 (0xFFB6ACE2)
YUV	181.1460, 22.1130, 0.7490
Hunter-Lab	67.0381, 9.8824, -22.1539

Details

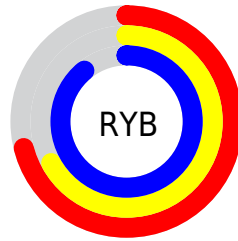
The RYB color **182, 172, 226** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **172, 226, 182**, and the grayscale version is **181, 181, 181**.

A 20% lighter version of the original color is **238, 227, 255**, and **128, 120, 171** is the 20% darker color. If you saturate the color by 10%, you get **164, 149, 226**, and if you desaturate by 10%, it is **200, 195, 226**.

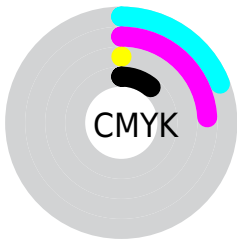
Distribution



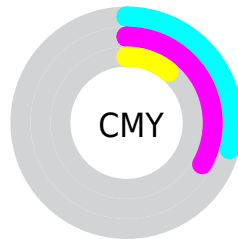
- Red (71%)
- Green (67%)
- Blue (89%)



- Red (71%)
- Yellow (67%)
- Blue (89%)



- Cyan (19%)
- Magenta (24%)
- Yellow (0%)
- Black (11%)



- Cyan (29%)
- Magenta (33%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the RYB color 182, 172, 226 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 182, 172, 226 by changing the saturation by 10% instead.

■ 182, 172, 226

255, 255, 255

■ 238, 227, 255

■ 182, 172, 226

■ 155, 145, 198

■ 128, 120, 171

■ 103, 95, 144

■ 78, 71, 118

■ 54, 49, 93

■ 30, 28, 69

■ 10, 2, 47

■ 0, 1, 25

■ 0, 0, 0

■ 182, 172, 226

■ 182, 172, 226

■ 164, 149, 226

■ 200, 195, 226

■ 145, 127, 226

■ 219, 217, 226

■ 127, 104, 226

■ 226, 240, 229

■ 108, 82, 226

■ 226, 255, 226

■ 90, 59, 226

■ 72, 36, 226

■ 53, 14, 226

■ 42, 0, 226

Harmonies

Analogous

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



143, 170, 233



182, 172, 226



213, 163, 207

Triad

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



182, 172, 226



221, 191, 133



109, 156, 194

Complementary

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



182, 172, 226



172, 226, 182

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.



138, 181, 191



182, 172, 226



156, 199, 125

Square

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



182, 172, 226



233, 162, 153



131, 185, 146



94, 146, 204

Rectangle

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



182, 172, 226



226, 160, 190



131, 185, 146



118, 163, 193

Sweetspot

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



182, 172, 226



240, 237, 255



172, 196, 226



119, 117, 128



0, 0, 0



128, 128, 128

Same Dimension

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



182, 172, 226



195, 181, 255



209, 172, 226



103, 101, 112



33, 0, 176



9, 0, 48

Inverse Universe

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



226, 172, 216



255, 181, 241



172, 226, 209



112, 101, 110



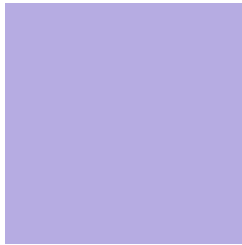
176, 0, 143



48, 0, 39

Previews

White Background



This preview shows how the RYB color 182, 172, 226 looks on a white background.

Color Contrast Check

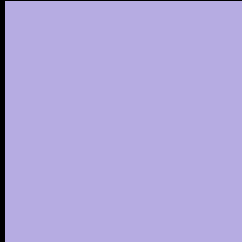
Large Text (above 18pt) WCAG AA × Fail

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 182, 172, 226 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 182, 172, 226 Background



This preview shows how black text looks on a background with the RYB color 182, 172, 226.



This preview shows how white text looks on a background with the RYB color 182, 172, 226.

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
182, 172, 226

Protanopia
165, 175, 229

Deuteranopia
172, 175, 225



Tritanopia
176, 178, 192

Trichromacy



Original Color
182, 172, 226

Protanomaly
171, 175, 228

Deuteranomaly
176, 174, 225

Tritanomaly
178, 176, 204

Monochromacy



Original Color
182, 172, 226

Achromatopsia
181, 181, 181

Achromatomaly
181, 178, 197

CSS Examples

Text

The CSS property to change the color of the text to RYB 182, 172, 226 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(182, 172, 226)` looks like.

```
.text, #text, p{  
  color:rgb(182, 172, 226)  
}
```

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(182, 172, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 172, 226) }
```

Border

The CSS property to change the border of an element to RYB 182, 172, 226 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(182, 172, 226) }
```

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

```
.border{ border-color:rgb(182, 172, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 172, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 172, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 172, 226);  
box-shadow:4px 4px 4px 4px rgb(182, 172,  
226) }
```

Background

The CSS property to change the background color of an element to RYB 182, 172, 226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 172, 226) }
```

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

```
.background{ background-color: rgb(182,  
172, 226) }
```

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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