

Converting Colors

`RYB(182, 105, 174)`

Have a look what the booklet for
RYB(182, 105, 174) contains.

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Color

$\text{RYB}(182, 105, 174)$

Conversions

Conversions Part 1

Format	Color
Hex	B669AE
RGB	182, 105, 174
RGB Percent	71%, 41%, 68%
CMY	0.2863, 0.5882, 0.3176
CMYK	0.00, 0.42, 0.04, 0.29
HSL	306°, 35%, 56%
HSV	306°, 42%, 71%
XYZ	31.9830, 23.1042, 42.8183
YIQ	135.8890, 23.7430, 37.7830

Conversions

Conversions Part 2

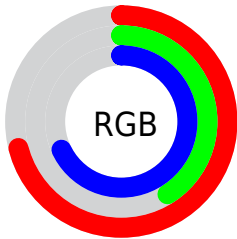
Format	Color
R _Y B	182, 105, 174
Decimal	11954606
CIE Lab	55.18, 40.97, -23.80
CIE LCh	55, 47.379, 329.840
Yxy	23.1042, 0.3267, 0.2360
Android (android.graphics.Color)	4290144686 (0xFFB669AE)
YUV	135.8890, 18.7887, 40.4393
Hunter-Lab	48.0669, 34.6542, -19.1691

Details

The RYB color **182, 105, 174** is a light color, and the websafe version is hex **996699**. A complement of this color would be **105, 175, 182**, and the grayscale version is **136, 136, 136**.

A 20% lighter version of the original color is **239, 158, 230**, and **127, 54, 121** is the 20% darker color. If you saturate the color by 10%, you get **182, 87, 172**, and if you desaturate by 10%, it is **182, 123, 176**.

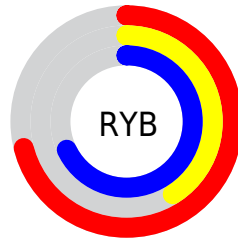
Distribution



Red (71%)

Green (41%)

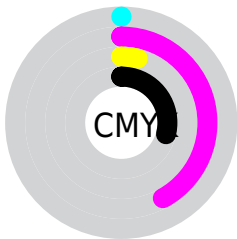
Blue (68%)



Red (71%)

Yellow (41%)

Blue (68%)

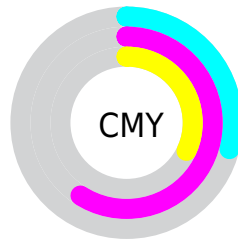


Cyan (0%)

Magenta (42%)

Yellow (4%)

Black (29%)



Cyan (29%)

Magenta (59%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the RYB color 182, 105, 174 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, 105, 174 by changing the saturation by 10% instead.

 182, 105, 174

255, 255, 255


 239, 158, 230

 255, 186, 255

 255, 214, 255

 255, 243, 255

 182, 105, 174

 154, 79, 147

 127, 54, 121


 101, 28, 96

 76, 0, 72

 51, 0, 50

 26, 0, 28

 0, 0, 0


 182, 105, 174

 182, 87, 172

 182, 105, 174

 182, 123, 176

 182, 69, 170

 182, 141, 178

 182, 50, 168

 182, 160, 180

 182, 32, 166

 182, 178, 182

 182, 14, 165

 182, 195, 196

 182, 0, 163

 182, 211, 214

 182, 227, 232

 182, 245, 251

 182, 247, 255

Harmonies

Analogous

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



133, 121, 204



182, 105, 174



206, 96, 134

Triad

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



182, 105, 174



77, 155, 45



0, 81, 172

Complementary

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



182, 105, 174



105, 175, 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.



0, 82, 152



182, 105, 174



57, 142, 85

Square

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



182, 105, 174



187, 156, 61



58, 126, 149



0, 85, 202

Rectangle

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



182, 105, 174



208, 97, 107



58, 126, 149



0, 78, 159

Sweetspot

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



182, 105, 174



237, 206, 234



113, 105, 182



120, 101, 118



247, 247, 247



120, 120, 120

Same Dimension

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



182, 105, 174



237, 116, 225



182, 105, 136



92, 83, 91



156, 0, 139



28, 0, 25

Inverse Universe

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



182, 105, 174



237, 116, 225



105, 153, 182



92, 83, 91



156, 0, 139



28, 0, 25

Previews

White Background



This preview shows how the RYB color 182, 105, 174 looks on a white background.

Color Contrast Check

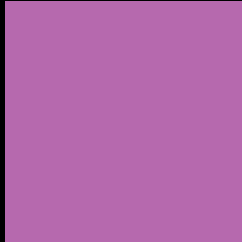
Large Text (above 18pt) WCAG AA ✓ Pass

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, 105, 174 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

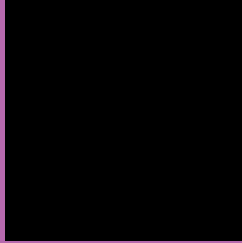
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 182, 105, 174 Background



This preview shows how black text looks on a background with the RYB color 182, 105, 174.

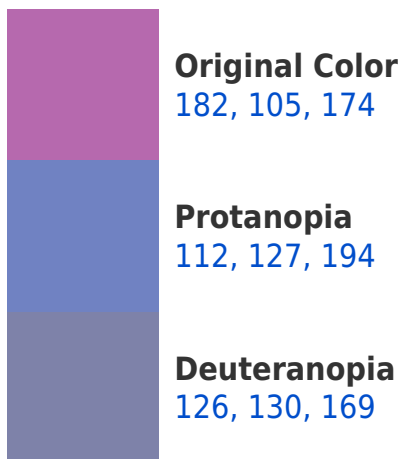



This preview shows how white text looks on a background with the RYB color 182, 105, 174.

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





Tritanopia
176, 116, 124

Trichromacy



Original Color
182, 105, 174

Protanomaly
137, 121, 187

Deuteranomaly
146, 121, 171

Tritanomaly
178, 112, 142

Monochromacy



Original Color
182, 105, 174

Achromatopsia
136, 136, 136

Achromatomaly
153, 125, 150

CSS Examples

Text

The CSS property to change the color of the text to RYB 182, 105, 174 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, 105, 174)` looks like.

```
.text, #text, p{  
    color:rgb(182, 105, 174)  
}
```

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, 105, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 105, 174) }
```

Border

The CSS property to change the border of an element to RYB 182, 105, 174 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, 105, 174) }
```

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

```
.border{ border-color:rgb(182, 105, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 105, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 105, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 105, 174);  
box-shadow:4px 4px 4px 4px rgb(182, 105,  
174) }
```

Background

The CSS property to change the background color of an element to RYB 182, 105, 174 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 105, 174) }
```

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

```
.background{ background-color: rgb(182,  
105, 174) }
```

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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