

Converting Colors

`RYB(151, 105, 182)`

Have a look what the booklet for
RYB(151, 105, 182) contains.

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Color

R_YB(151, 105, 182)

Conversions

Conversions Part 1

Format	Color
Hex	9769B6
RGB	151, 105, 182
RGB Percent	59%, 41%, 71%
CMY	0.4078, 0.5882, 0.2863
CMYK	0.17, 0.42, 0.00, 0.29
HSL	276°, 35%, 56%
HSV	276°, 42%, 71%
XYZ	26.2576, 20.0599, 46.7440
YIQ	127.5320, 2.6990, 33.6990

Conversions

Conversions Part 2

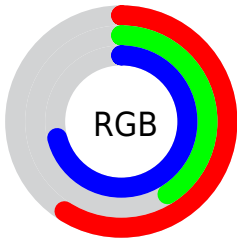
Format	Color
R_{YB}	151, 105, 182
Decimal	9922998
CIE _{Lab}	51.90, 32.95, -33.80
CIE _{LCh}	52, 47.202, 314.272
Yxy	20.0599, 0.2822, 0.2156
Android (android.graphics.Color)	4288113078 (0xFF9769B6)
YUV	127.5320, 26.8527, 20.5814
Hunter-Lab	44.7882, 26.2681, -30.5272

Details

The RYB color **151, 105, 182** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **105, 182, 151**, and the grayscale version is **127, 127, 127**.

A 20% lighter version of the original color is **206, 157, 238**, and **98, 56, 129** is the 20% darker color. If you saturate the color by 10%, you get **144, 87, 182**, and if you desaturate by 10%, it is **158, 123, 182**.

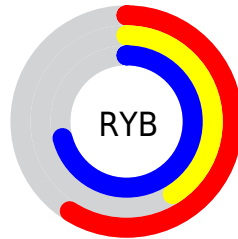
Distribution



Red (59%)

Green (41%)

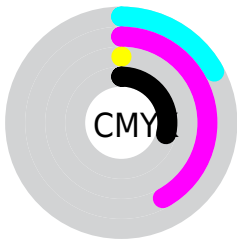
Blue (71%)



Red (59%)

Yellow (41%)

Blue (71%)

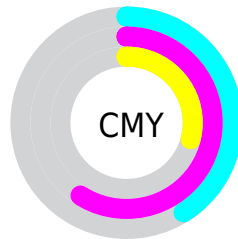


Cyan (17%)

Magenta (42%)

Yellow (0%)

Black (29%)



Cyan (41%)


Magenta (59%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the RYB color 151, 105, 182 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 151, 105, 182 by changing the saturation by 10% instead.

 151, 105, 182


255, 255, 255

 206, 157, 238

 235, 184, 255


 255, 212, 255

 255, 241, 255

 151, 105, 182

 124, 80, 155

 98, 56, 129

 73, 33, 103


 48, 9, 79


 28, 0, 56

 0, 2, 33

 0, 0, 6


 0, 0, 0


 151, 105, 182

 151, 105, 182

 144, 87, 182

 158, 123, 182


 136, 69, 182


 166, 141, 182


 129, 50, 182

 173, 160, 182

 122, 32, 182

 180, 178, 182

 114, 14, 182

 182, 196, 190

 109, 0, 182

 182, 214, 201

 182, 232, 212

 182, 251, 223

 182, 255, 220

Harmonies

Analogous

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



86, 113, 202



151, 105, 182



187, 91, 147

Triad

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



151, 105, 182



128, 164, 43



0, 73, 144

Complementary

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



151, 105, 182



105, 182, 151

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, 83, 142



151, 105, 182



39, 128, 39

Square

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



151, 105, 182



189, 107, 69



63, 137, 118



0, 79, 179

Rectangle

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



151, 105, 182



197, 87, 120



63, 137, 118



0, 76, 144

Sweetspot

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



151, 105, 182



225, 206, 237



105, 128, 182



112, 101, 120



247, 247, 247



120, 120, 120

Same Dimension

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



151, 105, 182



188, 116, 237



182, 105, 176



88, 83, 92



93, 0, 156



17, 0, 28

Inverse Universe

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



182, 105, 136



237, 116, 165



105, 176, 182



92, 83, 86



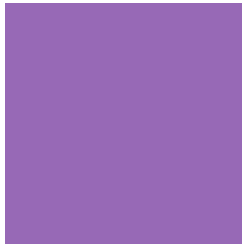
156, 0, 63



28, 0, 11

Previews

White Background



This preview shows how the RYB color 151, 105, 182 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 151, 105, 182 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

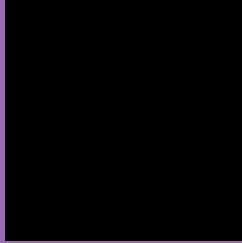
Any Text WCAG AA ✓ Pass

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 151, 105, 182 Background



This preview shows how black text looks on a background with the RYB color 151, 105, 182.

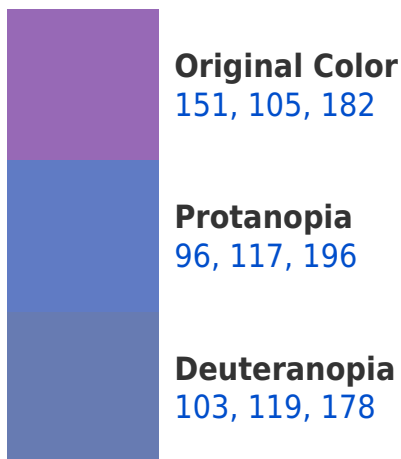


This preview shows how white text looks on a background with the RYB color 151, 105, 182.

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
142, 117, 126

Trichromacy



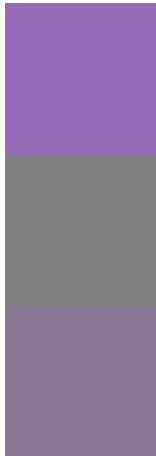
Original Color
151, 105, 182

Protanomaly
116, 116, 191

Deuteranomaly
120, 116, 179

Tritanomaly
145, 113, 146

Monochromacy



Original Color
151, 105, 182

Achromatopsia
128, 128, 128

Achromatomaly
136, 120, 148

CSS Examples

Text

The CSS property to change the color of the text to RYB 151, 105, 182 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(151, 105, 182)` looks like.

```
.text, #text, p{  
    color:rgb(151, 105, 182)  
}
```

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(151, 105, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 105, 182) }
```

Border

The CSS property to change the border of an element to RYB 151, 105, 182 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(151, 105, 182) }
```

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

```
.border{ border-color:rgb(151, 105, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 105, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 105, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 105, 182);  
box-shadow:4px 4px 4px 4px rgb(151, 105,  
182) }
```

Background

The CSS property to change the background color of an element to RYB 151, 105, 182 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 105, 182) }
```

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

```
.background{ background-color: rgb(151,  
105, 182) }
```

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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