

Converting Colors

`RYB(172, 101, 194)`

Have a look what the booklet for
RYB(172, 101, 194) contains.

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Color

`RYB(172, 101, 194)`

Conversions

Conversions Part 1

Format	Color
Hex	AC65C2
RGB	172, 101, 194
RGB Percent	67%, 40%, 76%
CMY	0.3255, 0.6039, 0.2392
CMYK	0.11, 0.48, 0.00, 0.24
HSL	286°, 43%, 58%
HSV	286°, 48%, 76%
XYZ	31.4045, 21.9731, 53.6250
YIQ	132.8310, 12.4630, 43.9750

Conversions

Conversions Part 2

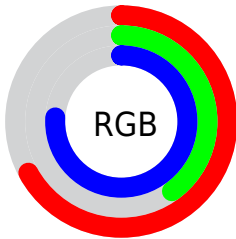
Format	Color
R _Y B	172, 101, 194
Decimal	11298242
CIE Lab	54.00, 43.95, -37.26
CIE LCh	54, 57.614, 319.711
Yxy	21.9731, 0.2935, 0.2054
Android (android.graphics.Color)	4289488322 (0xFFAC65C2)
YUV	132.8310, 30.1563, 34.3512
Hunter-Lab	46.8754, 37.5554, -35.0143

Details

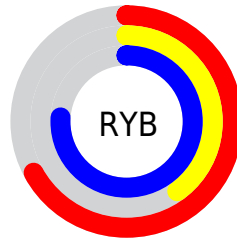
The RYB color **172, 101, 194** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **101, 194, 172**, and the grayscale version is **133, 133, 133**.

A 20% lighter version of the original color is **229, 154, 251**, and **118, 50, 140** is the 20% darker color. If you saturate the color by 10%, you get **167, 82, 194**, and if you desaturate by 10%, it is **177, 120, 194**.

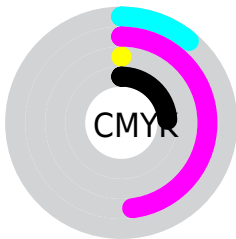
Distribution



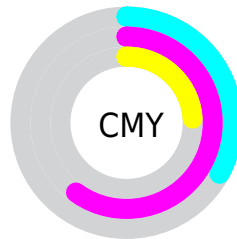
- Red (67%)
- Green (40%)
- Blue (76%)



- Red (67%)
- Yellow (40%)
- Blue (76%)



- Cyan (11%)
- Magenta (48%)
- Yellow (0%)
- Black (24%)



- Cyan (33%)
- Magenta (60%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the RYB color 172, 101, 194 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 172, 101, 194 by changing the saturation by 10% instead.

 172, 101, 194

255, 255, 255


 229, 154, 251

 255, 181, 255

 255, 209, 255

 255, 238, 255

 172, 101, 194


 144, 75, 167


 118, 50, 140

 91, 24, 114

 66, 0, 89

 41, 0, 65

 11, 0, 42

 0, 1, 20


 0, 0, 0


 172, 101, 194

 172, 101, 194

 167, 82, 194

 177, 120, 194


 163, 62, 194

 181, 140, 194

 158, 43, 194

 186, 159, 194

 154, 23, 194

 190, 179, 194

 149, 4, 194

 194, 198, 197

 148, 0, 194

 194, 217, 211

 194, 237, 227

 194, 255, 240

 194, 255, 236

Harmonies

Analogous

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



95, 118, 223



172, 101, 194



210, 83, 148

Triad

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



172, 101, 194



85, 168, 17



0, 78, 161

Complementary

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



172, 101, 194



101, 194, 172

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, 87, 151



172, 101, 194



20, 136, 33

Square

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



172, 101, 194



202, 121, 54



60, 145, 146



0, 86, 204

Rectangle

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



172, 101, 194



219, 80, 115



60, 145, 146



0, 79, 153

Sweetspot

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



172, 101, 194



244, 217, 252



101, 119, 194



122, 106, 128



0, 0, 0



128, 128, 128

Same Dimension

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



172, 101, 194



218, 106, 252



194, 101, 171



95, 87, 97



123, 0, 161



25, 0, 33

Inverse Universe

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



194, 101, 123



252, 106, 141



101, 176, 194



97, 87, 90



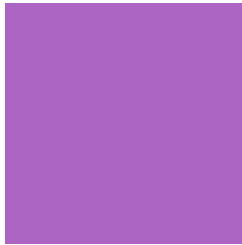
161, 0, 38



33, 0, 8

Previews

White Background



This preview shows how the RYB color 172, 101, 194 looks on a white background.

Color Contrast Check

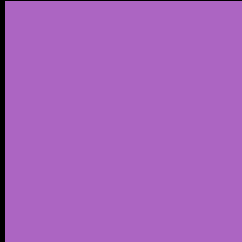
Large Text (above 18pt) WCAG AA ✓ Pass

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 172, 101, 194 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

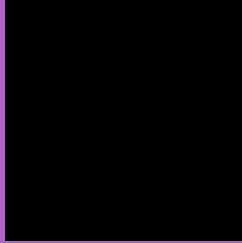
Any Text WCAG AA ✓ Pass

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 172, 101, 194 Background



This preview shows how black text looks on a background with the RYB color 172, 101, 194.

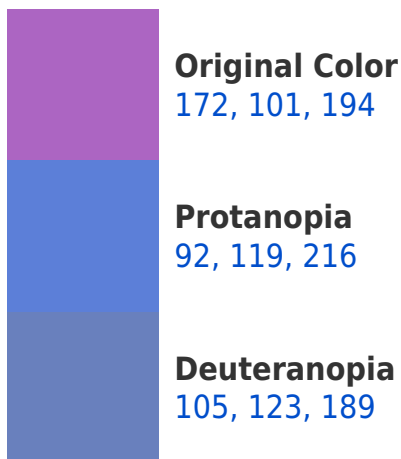


This preview shows how white text looks on a background with the RYB color 172, 101, 194.

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
162, 117, 126

Trichromacy



Original Color
172, 101, 194

Protanomaly
121, 118, 208

Deuteranomaly
129, 118, 191

Tritanomaly
166, 111, 151

Monochromacy



Original Color
172, 101, 194

Achromatopsia
133, 133, 133

Achromatomaly
147, 121, 155

CSS Examples

Text

The CSS property to change the color of the text to RYB 172, 101, 194 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(172, 101, 194)` looks like.

```
.text, #text, p{  
    color:rgb(172, 101, 194)  
}
```

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(172, 101, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 101, 194) }
```

Border

The CSS property to change the border of an element to RYB 172, 101, 194 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(172, 101, 194) }
```

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

```
.border{ border-color:rgb(172, 101, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 101, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 101, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 101, 194);  
box-shadow:4px 4px 4px 4px rgb(172, 101,  
194) }
```

Background

The CSS property to change the background color of an element to RYB 172, 101, 194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 101, 194) }
```

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

```
.background{ background-color: rgb(172,  
101, 194) }
```

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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