

Converting Colors

`RYB(175, 76, 178)`

Have a look what the booklet for
RYB(175, 76, 178) contains.

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Color

R_YB(175, 76, 178)

Conversions

Conversions Part 1

Format	Color
Hex	AF4CB2
RGB	175, 76, 178
RGB Percent	69%, 30%, 70%
CMY	0.3137, 0.7020, 0.3020
CMYK	0.02, 0.57, 0.00, 0.30
HSL	298°, 40%, 50%
HSV	298°, 57%, 70%
XYZ	28.2995, 17.4972, 44.0052
YIQ	117.2290, 26.2620, 52.7100

Conversions

Conversions Part 2

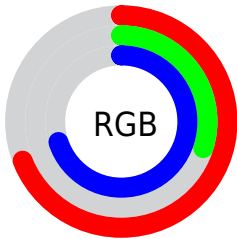
Format	Color
RYB	175, 76, 178
Decimal	11488434
CIELab	48.88, 54.22, -36.01
CIELCh	49, 65.084, 326.411
Yxy	17.4972, 0.3151, 0.1948
Android (android.graphics.Color)	4289678514 (0xFFAF4CB2)
YUV	117.2290, 29.9601, 50.6652
Hunter-Lab	41.8296, 47.5609, -33.0929

Details

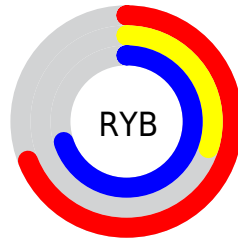
The RYB color **175, 76, 178** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **76, 178, 175**, and the grayscale version is **117, 117, 117**.

A 20% lighter version of the original color is **233, 130, 234**, and **120, 15, 125** is the 20% darker color. If you saturate the color by 10%, you get **174, 58, 178**, and if you desaturate by 10%, it is **176, 94, 178**.

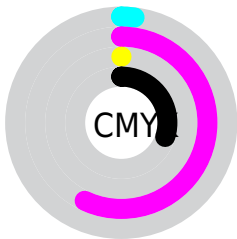
Distribution



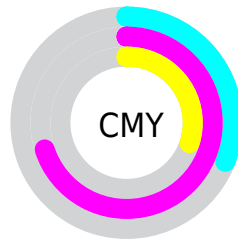
- Red (69%)
- Green (30%)
- Blue (70%)



- Red (69%)
- Yellow (30%)
- Blue (70%)



- Cyan (2%)
- Magenta (57%)
- Yellow (0%)
- Black (30%)



- Cyan (31%)
- Magenta (70%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the RYB color 175, 76, 178 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, 76, 178 by changing the saturation by 10% instead.



175, 76, 178



175, 76, 178

255, 255, 255



147, 48, 151



233, 130, 234



120, 15, 125



255, 157, 255



93, 0, 99



255, 185, 255



66, 0, 75



255, 214, 255



44, 0, 52



255, 243, 255



0, 0, 30



0, 0, 0



175, 76, 178



175, 76, 178



174, 58, 178



176, 94, 178

174, 40, 178

176, 112, 178

173, 23, 178

177, 129, 178

173, 5, 178

177, 147, 178

173, 0, 178

178, 165, 178

178, 183, 183

178, 201, 200

178, 218, 217

178, 236, 234

Harmonies

Analogous

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



98, 104, 216



175, 76, 178



208, 53, 125

Triad

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



175, 76, 178



44, 146, 0



0, 76, 164

Complementary

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



175, 76, 178



76, 178, 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.



0, 79, 140



175, 76, 178



0, 127, 34

Square

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



175, 76, 178



186, 141, 16



0, 99, 136



0, 82, 208

Rectangle

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



175, 76, 178



213, 55, 89



0, 99, 136



0, 72, 146

Sweetspot

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



175, 76, 178



231, 193, 232



76, 79, 178



117, 94, 117



245, 245, 245



117, 117, 117

Same Dimension

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



175, 76, 178



227, 72, 232



178, 76, 130



89, 80, 89



149, 0, 153



25, 0, 26

Inverse Universe

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



178, 76, 79



232, 72, 77



76, 145, 178



89, 80, 81



153, 0, 4



26, 0, 1

Previews

White Background



This preview shows how the RYB color 175, 76, 178 looks on a white background.

Color Contrast Check

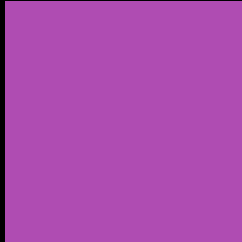
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 175, 76, 178 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

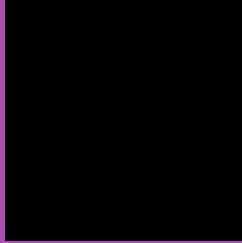
Any Text WCAG AA ✓ Pass

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 175, 76, 178 Background



This preview shows how black text looks on a background with the RYB color 175, 76, 178.

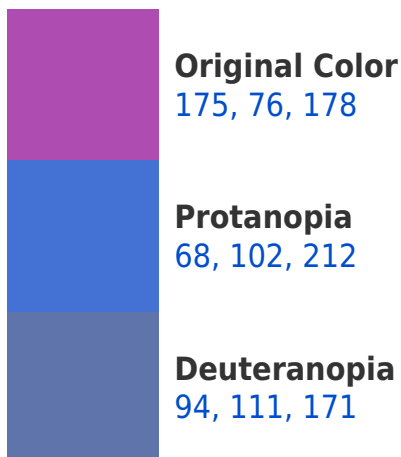


This preview shows how white text looks on a background with the RYB color 175, 76, 178.

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
166, 96, 103

Trichromacy



Original Color

175, 76, 178

Protanomaly

107, 100, 200

Deuteranomaly

123, 101, 174

Tritanomaly

169, 89, 130

Monochromacy



Original Color

175, 76, 178

Achromatopsia

117, 117, 117

Achromatomaly

138, 102, 139

CSS Examples

Text

The CSS property to change the color of the text to RYB 175, 76, 178 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, 76, 178)` looks like.

```
.text, #text, p{  
    color:rgb(175, 76, 178)  
}
```

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, 76, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 76, 178) }
```

Border

The CSS property to change the border of an element to RYB 175, 76, 178 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, 76, 178) }
```

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

```
.border{ border-color:rgb(175, 76, 178) }
```

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

Here you see how a box with a 4 pixel rgb(175, 76, 178) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 76, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 76, 178);  
box-shadow:4px 4px 4px 4px rgb(175, 76,  
178) }
```

Background

The CSS property to change the background color of an element to RYB 175, 76, 178 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 76, 178) }
```

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

```
.background{ background-color: rgb(175, 76,  
178) }
```

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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