

Converting Colors

`RYB(152, 132, 173)`

Have a look what the booklet for
RYB(152, 132, 173) contains.

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Color

`RYB(152, 132, 173)`

Conversions

Conversions Part 1

Format	Color
Hex	9884AD
RGB	152, 132, 173
RGB Percent	60%, 52%, 68%
CMY	0.4039, 0.4824, 0.3216
CMYK	0.12, 0.24, 0.00, 0.32
HSL	269°, 20%, 60%
HSV	269°, 24%, 68%
XYZ	28.7430, 26.1951, 43.0764
YIQ	142.6540, -1.2410, 16.9910

Conversions

Conversions Part 2

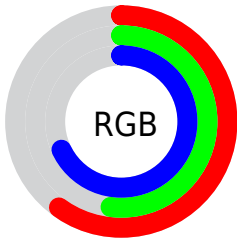
Format	Color
RYB	152, 132, 173
Decimal	9995437
CIELab	58.22, 15.69, -18.85
CIELCh	58, 24.527, 309.765
Yxy	26.1951, 0.2933, 0.2673
Android (android.graphics.Color)	4288185517 (0xFF9884AD)
YUV	142.6540, 14.9606, 8.1964
Hunter-Lab	51.1811, 10.6775, -14.0744

Details

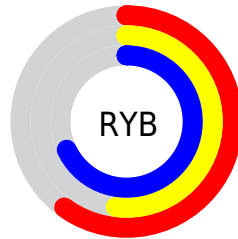
The RYB color **152, 132, 173** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **132, 173, 152**, and the grayscale version is **143, 143, 143**.

A 20% lighter version of the original color is **207, 185, 229**, and **101, 82, 121** is the 20% darker color. If you saturate the color by 10%, you get **143, 115, 173**, and if you desaturate by 10%, it is **161, 149, 173**.

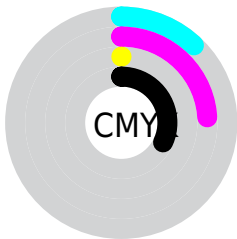
Distribution



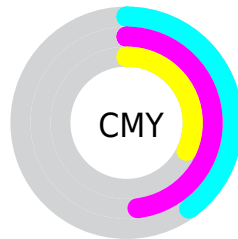
- Red (60%)
- Green (52%)
- Blue (68%)



- Red (60%)
- Yellow (52%)
- Blue (68%)



- Cyan (12%)
- Magenta (24%)
- Yellow (0%)
- Black (32%)



- Cyan (40%)
- Magenta (48%)
- Yellow (32%)


Brightness & Saturation Gradients

These gradients show how the RYB color 152, 132, 173 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 152, 132, 173 by changing the saturation by 10% instead.


 152, 132, 173


255, 255, 255


 207, 185, 229

 235, 213, 255


 255, 241, 255


 152, 132, 173

 126, 107, 146

 101, 82, 121

 76, 59, 96

 53, 37, 72

 31, 17, 49


 3, 0, 28

 0, 0, 0

 152, 132, 173

 143, 115, 173

 152, 132, 173

 161, 149, 173

134, 97, 173

170, 167, 173

125, 80, 173

173, 184, 178

117, 63, 173

173, 201, 187

108, 45, 173

173, 219, 196

99, 28, 173

173, 236, 204

90, 11, 173

173, 253, 212

84, 0, 173

173, 255, 205

173, 255, 196

Harmonies

Analogous

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



123, 136, 182



152, 132, 173



173, 126, 155

Triad

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



152, 132, 173



168, 168, 100



79, 117, 152

Complementary

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



152, 132, 173



132, 173, 152

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.



100, 135, 151



152, 132, 173



105, 148, 97

Square

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



152, 132, 173



181, 131, 113



106, 147, 129



74, 116, 167

Rectangle

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



152, 132, 173



181, 124, 141



106, 147, 129



85, 122, 152

Sweetspot

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



152, 132, 173



216, 209, 224



132, 146, 173



108, 103, 112



240, 240, 240



112, 112, 112

Same Dimension

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



152, 132, 173



192, 162, 224



172, 132, 173



82, 78, 87



73, 0, 150



11, 0, 23

Inverse Universe

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



173, 132, 153



224, 162, 194



132, 173, 172



87, 78, 82



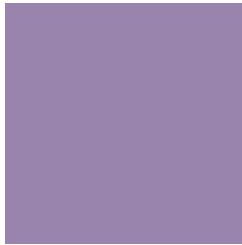
150, 0, 77



23, 0, 12

Previews

White Background



This preview shows how the RYB color 152, 132, 173 looks on a white background.

Color Contrast Check

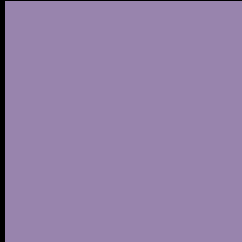
Large Text (above 18pt) WCAG AA ✓ Pass

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 152, 132, 173 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

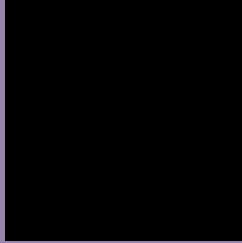
Any Text WCAG AA ✓ Pass

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 152, 132, 173 Background



This preview shows how black text looks on a background with the RYB color 152, 132, 173.



This preview shows how white text looks on a background with the RYB color 152, 132, 173.

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
[152, 132, 173](#)

Protanopia
[130, 138, 178](#)

Deuteranopia
[138, 137, 172](#)



Tritanopia
148, 137, 147

Trichromacy



Original Color
152, 132, 173

Protanomaly
138, 136, 176

Deuteranomaly
143, 135, 172

Tritanomaly
149, 135, 156

Monochromacy



Original Color
152, 132, 173

Achromatopsia
143, 143, 143

Achromatomaly
146, 139, 154

CSS Examples

Text

The CSS property to change the color of the text to RYB 152, 132, 173 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(152, 132, 173)` looks like.

```
.text, #text, p{  
    color:rgb(152, 132, 173)  
}
```

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(152, 132, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 132, 173) }
```

Border

The CSS property to change the border of an element to RYB 152, 132, 173 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(152, 132, 173) }
```

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

```
.border{ border-color:rgb(152, 132, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 132, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 132, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 132, 173);  
box-shadow:4px 4px 4px 4px rgb(152, 132,  
173) }
```

Background

The CSS property to change the background color of an element to RYB 152, 132, 173 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 132, 173) }
```

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

```
.background{ background-color: rgb(152,  
132, 173) }
```

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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