

Converting Colors

`RYB(152, 98, 133)`

Have a look what the booklet for
RYB(152, 98, 133) contains.

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Color

R_YB(152, 98, 133)

Conversions

Conversions Part 1

Format	Color
Hex	986285
RGB	152, 98, 133
RGB Percent	60%, 38%, 52%
CMY	0.4039, 0.6157, 0.4784
CMYK	0.00, 0.36, 0.12, 0.40
HSL	321°, 22%, 49%
HSV	321°, 36%, 60%
XYZ	21.5502, 17.1042, 24.3559
YIQ	118.1360, 20.9490, 22.3330

Conversions

Conversions Part 2

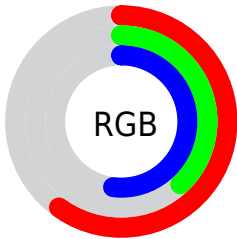
Format	Color
R_{YB}	152, 98, 133
Decimal	9986693
CIE _{Lab}	48.39, 27.34, -10.39
CIE _{LCh}	48, 29.248, 339.196
Yxy	17.1042, 0.3420, 0.2715
Android (android.graphics.Color)	4288176773 (0xFF986285)
YUV	118.1360, 7.3280, 29.6987
Hunter-Lab	41.3572, 20.6366, -5.9667

Details

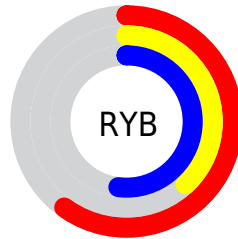
The RYB color **152, 98, 133** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **98, 138, 152**, and the grayscale version is **118, 118, 118**.

A 20% lighter version of the original color is **207, 150, 186**, and **100, 50, 83** is the 20% darker color. If you saturate the color by 10%, you get **152, 83, 128**, and if you desaturate by 10%, it is **152, 113, 138**.

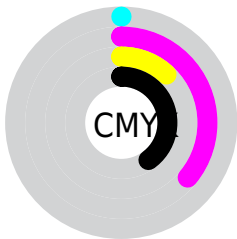
Distribution



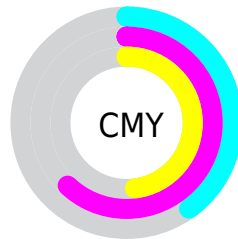
- Red (60%)
- Green (38%)
- Blue (52%)



- Red (60%)
- Yellow (38%)
- Blue (52%)



- Cyan (0%)
- Magenta (36%)
- Yellow (12%)
- Black (40%)



- Cyan (40%)
- Magenta (62%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the RYB color 152, 98, 133 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, 98, 133 by changing the saturation by 10% instead.



152, 98, 133



152, 98, 133

255, 255, 255



126, 74, 108



207, 150, 186



100, 50, 83



236, 176, 214



75, 27, 60



255, 204, 242



51, 4, 39



255, 233, 255



31, 0, 18



0, 0, 0



152, 98, 133



152, 98, 133



152, 83, 128



152, 113, 138



152, 68, 122



152, 128, 144

■ 152, 52, 117

■ 152, 144, 149

■ 152, 37, 112

■ 152, 157, 159

■ 152, 22, 106

■ 152, 168, 174

■ 152, 7, 101

■ 152, 179, 189

■ 152, 0, 99

■ 152, 191, 204

■ 152, 202, 220

■ 152, 214, 235

Harmonies

Analogous

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



128, 106, 153



152, 98, 133



163, 95, 108

Triad

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



152, 98, 133



74, 124, 65



0, 68, 145

Complementary

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



152, 98, 133



98, 138, 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.



27, 79, 128



152, 98, 133



76, 123, 102

Square

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



152, 98, 133



146, 144, 69



66, 106, 127



46, 92, 161

Rectangle

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



152, 98, 133



162, 99, 92



66, 106, 127



0, 66, 138

Sweetspot

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



152, 98, 133



196, 175, 189



117, 98, 152



99, 87, 95



227, 227, 227



99, 99, 99

Same Dimension

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



152, 98, 133



196, 112, 167



152, 98, 106



77, 69, 74



140, 0, 91



13, 0, 8

Inverse Universe

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



152, 98, 133



196, 112, 167



98, 127, 152



77, 69, 74



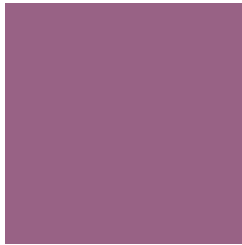
140, 0, 91



13, 0, 8

Previews

White Background



This preview shows how the RYB color 152, 98, 133 looks on a white background.

Color Contrast Check

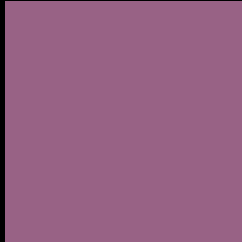
Large Text (above 18pt) WCAG AA ✓ Pass

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 152, 98, 133 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

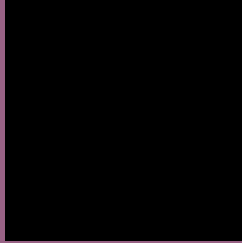
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

RYB 152, 98, 133 Background



This preview shows how black text looks on a background with the RYB color 152, 98, 133.



This preview shows how white text looks on a background with the RYB color 152, 98, 133.

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, 98, 133

Protanopia

108, 113, 144

Deuteranopia

119, 112, 130



Tritanopia
149, 102, 110

Trichromacy



Original Color
152, 98, 133

Protanomaly
124, 108, 140

Deuteranomaly
131, 107, 131

Tritanomaly
150, 101, 118

Monochromacy



Original Color
152, 98, 133

Achromatopsia
118, 118, 118

Achromatomaly
130, 111, 123

CSS Examples

Text

The CSS property to change the color of the text to RYB 152, 98, 133 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, 98, 133)` looks like.

```
.text, #text, p{  
    color:rgb(152, 98, 133)  
}
```

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, 98, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 98, 133) }
```

Border

The CSS property to change the border of an element to RYB 152, 98, 133 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, 98, 133) }
```

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

```
.border{ border-color:rgb(152, 98, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 98, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(152, 98, 133); -webkit-box-shadow:4px 4px 4px 4px rgb(152, 98, 133); box-shadow:4px 4px 4px 4px rgb(152, 98, 133) }
```

Background

The CSS property to change the background color of an element to RGB 152, 98, 133 is called "background".

The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 98, 133) }
```

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

```
.background{ background-color: rgb(152, 98,  
133) }
```

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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