

Converting Colors

`RYB(152, 94, 143)`

Have a look what the booklet for
RYB(152, 94, 143) contains.

RYB(152, 94, 143)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RYP(152, 94, 143)

Conversions

Conversions Part 1

Format	Color
Hex	985E8F
RGB	152, 94, 143
RGB Percent	60%, 37%, 56%
CMY	0.4039, 0.6314, 0.4392
CMYK	0.00, 0.38, 0.06, 0.40
HSL	309°, 24%, 48%
HSV	309°, 38%, 60%
XYZ	21.9095, 16.6640, 28.0483
YIQ	116.9280, 18.8390, 27.5350

Conversions

Conversions Part 2

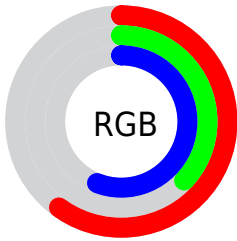
Format	Color
R_{YB}	152, 94, 143
Decimal	9985679
CIE _{Lab}	47.83, 31.43, -17.20
CIE _{LCh}	48, 35.826, 331.312
Yxy	16.6640, 0.3289, 0.2501
Android (android.graphics.Color)	4288175759 (0xFF985E8F)
YUV	116.9280, 12.8535, 30.7581
Hunter-Lab	40.8215, 24.3659, -12.1628

Details

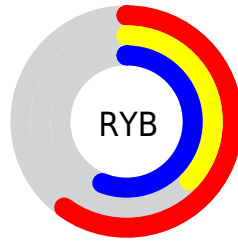
The RYB color **152, 94, 143** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **94, 144, 152**, and the grayscale version is **117, 117, 117**.

A 20% lighter version of the original color is **207, 146, 197**, and **100, 46, 93** is the 20% darker color. If you saturate the color by 10%, you get **152, 79, 141**, and if you desaturate by 10%, it is **152, 109, 145**.

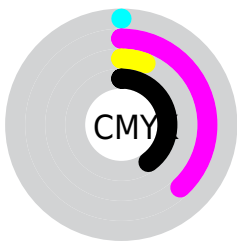
Distribution



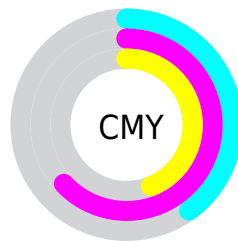
- Red (60%)
- Green (37%)
- Blue (56%)



- Red (60%)
- Yellow (37%)
- Blue (56%)



- Cyan (0%)
- Magenta (38%)
- Yellow (6%)
- Black (40%)



- Cyan (40%)
- Magenta (63%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the RYB color 152, 94, 143 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, 94, 143 by changing the saturation by 10% instead.



152, 94, 143



152, 94, 143

255, 255, 255



125, 69, 117



207, 146, 197



100, 46, 93



236, 172, 225



75, 22, 69



255, 200, 254



51, 0, 46



255, 228, 255



30, 0, 26



0, 0, 0



152, 94, 143



152, 94, 143



152, 79, 141



152, 109, 145



152, 64, 138



152, 124, 148

152, 48, 136

152, 140, 150

152, 33, 134

152, 155, 155

152, 18, 131

152, 167, 170

152, 3, 129

152, 181, 185

152, 0, 128

152, 193, 200

152, 207, 216

152, 221, 231

Harmonies

Analogous

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



118, 105, 165



152, 94, 143



169, 88, 113

Triad

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



152, 94, 143



74, 130, 51



0, 68, 144

Complementary

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



152, 94, 143



94, 144, 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.



0, 68, 129



152, 94, 143



60, 121, 82

Square

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



152, 94, 143



155, 131, 61



61, 111, 127



0, 71, 166

Rectangle

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



152, 94, 143



171, 90, 93



61, 111, 127



0, 66, 134

Sweetspot

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



152, 94, 143



196, 175, 193



103, 94, 152



99, 87, 97



227, 227, 227



99, 99, 99

Same Dimension

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



152, 94, 143



196, 106, 182



152, 94, 114



77, 69, 75



140, 0, 118



13, 0, 11

Inverse Universe

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



152, 94, 143



196, 106, 182



94, 129, 152



77, 69, 75



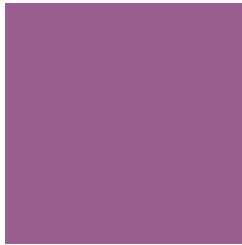
140, 0, 118



13, 0, 11

Previews

White Background



This preview shows how the RYB color 152, 94, 143 looks on a white background.

Color Contrast Check

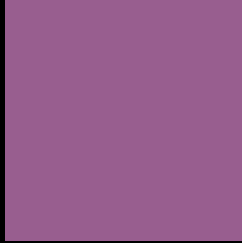
Large Text (above 18pt) WCAG AA ✓ Pass

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, 94, 143 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

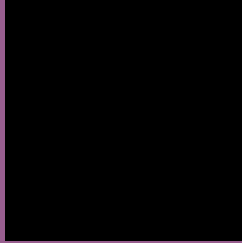
Any Text WCAG AA × Fail

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, 94, 143 Background



This preview shows how black text looks on a background with the RYB color 152, 94, 143.



This preview shows how white text looks on a background with the RYB color 152, 94, 143.

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, 94, 143

Protanopia

101, 110, 157

Deuteranopia

112, 111, 140



Tritanopia
148, 101, 109

Trichromacy



Original Color

152, 94, 143

Protanomaly

120, 105, 152

Deuteranomaly

127, 105, 141

Tritanomaly

149, 98, 121

Monochromacy



Original Color

152, 94, 143

Achromatopsia

117, 117, 117

Achromatomaly

130, 109, 126

CSS Examples

Text

The CSS property to change the color of the text to RYB 152, 94, 143 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, 94, 143)` looks like.

```
.text, #text, p{  
    color:rgb(152, 94, 143)  
}
```

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, 94, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 94, 143) }
```

Border

The CSS property to change the border of an element to RYB 152, 94, 143 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, 94, 143) }
```

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

```
.border{ border-color:rgb(152, 94, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 94, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 94, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 94, 143);  
box-shadow:4px 4px 4px 4px rgb(152, 94,  
143) }
```

Background

The CSS property to change the background color of an element to RGB 152, 94, 143 is called "background".

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

```
.background, #background, body{  
background: rgb(152, 94, 143) }
```

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

```
.background{ background-color: rgb(152, 94,  
143) }
```

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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