

Converting Colors

`RYB(153, 118, 138)`

Have a look what the booklet for
RYB(153, 118, 138) contains.

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Color

R_YB(153, 118, 138)

Conversions

Conversions Part 1

Format	Color
Hex	99768A
RGB	153, 118, 138
RGB Percent	60%, 46%, 54%
CMY	0.4000, 0.5373, 0.4588
CMYK	0.00, 0.23, 0.10, 0.40
HSL	326°, 15%, 53%
HSV	326°, 23%, 60%
XYZ	24.2027, 21.5641, 26.9314
YIQ	130.7450, 14.4400, 13.6400

Conversions

Conversions Part 2

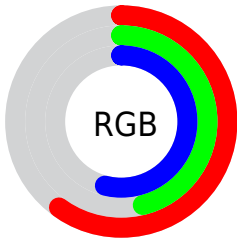
Format	Color
R_{YB}	153, 118, 138
Decimal	10057354
CIE _{Lab}	53.56, 17.08, -5.61
CIE _{LCh}	54, 17.981, 341.818
Yxy	21.5641, 0.3329, 0.2966
Android (android.graphics.Color)	4288247434 (0xFF99768A)
YUV	130.7450, 3.5767, 19.5176
Hunter-Lab	46.4372, 11.7678, -1.8794

Details

The RYB color **153, 118, 138** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **118, 143, 153**, and the grayscale version is **131, 131, 131**.

A 20% lighter version of the original color is **208, 170, 191**, and **101, 69, 88** is the 20% darker color. If you saturate the color by 10%, you get **153, 103, 131**, and if you desaturate by 10%, it is **153, 133, 145**.

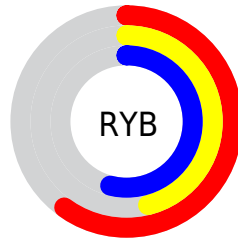
Distribution



Red (60%)

Green (46%)

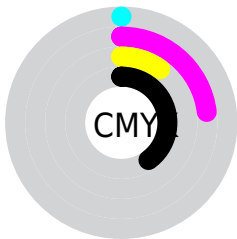
Blue (54%)



Red (60%)

Yellow (46%)

Blue (54%)

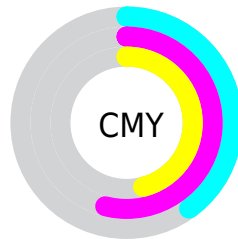


Cyan (0%)

Magenta (23%)

Yellow (10%)

Black (40%)



Cyan (40%)

Magenta (54%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the RYB color 153, 118, 138 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 153, 118, 138 by changing the saturation by 10% instead.

 153, 118, 138

255, 255, 255

 208, 170, 191

 236, 198, 219


 255, 226, 248

 153, 118, 138

 127, 93, 113

 101, 69, 88

 77, 47, 65


 54, 25, 43

 33, 0, 23

 0, 0, 0

 153, 118, 138

 153, 103, 131

 153, 87, 125

 153, 118, 138

 153, 133, 145

 153, 149, 151

153, 72, 118

153, 161, 164

153, 57, 112

153, 171, 179

153, 42, 105

153, 182, 195

153, 26, 99

153, 193, 210

153, 11, 92

153, 203, 225

153, 0, 87

153, 214, 240

153, 224, 255

Harmonies

Analogous

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



138, 122, 151



153, 118, 138



160, 117, 122

Triad

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



153, 118, 138



103, 133, 98



85, 113, 148

Complementary

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



153, 118, 138



118, 143, 153

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.



87, 113, 137



153, 118, 138



105, 133, 122

Square

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



153, 118, 138



146, 148, 99



99, 123, 136



98, 120, 157

Rectangle

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



153, 118, 138



159, 119, 112



99, 123, 136



84, 112, 144

Sweetspot

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



153, 118, 138



199, 185, 193



133, 118, 153



99, 91, 96



227, 227, 227



99, 99, 99

Same Dimension

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



153, 118, 138



199, 145, 176



153, 118, 121



77, 69, 73



140, 0, 80



13, 0, 7

Inverse Universe

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



153, 118, 138



199, 145, 176



118, 136, 153



77, 69, 73



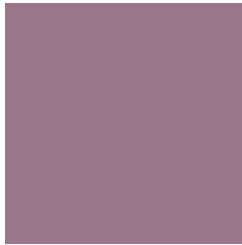
140, 0, 80



13, 0, 7

Previews

White Background



This preview shows how the RYB color 153, 118, 138 looks on a white background.

Color Contrast Check

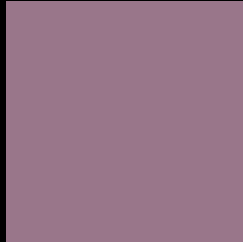
Large Text (above 18pt) WCAG AA ✓ Pass

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 153, 118, 138 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

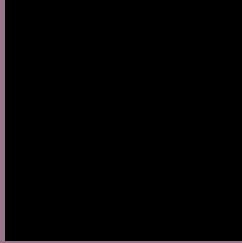
Any Text WCAG AA ✓ Pass

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 153, 118, 138 Background



This preview shows how black text looks on a background with the RYB color 153, 118, 138.



This preview shows how white text looks on a background with the RYB color 153, 118, 138.

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
153, 118, 138

Protanopia
126, 127, 144

Deuteranopia
137, 124, 137



Tritanopia
152, 120, 129

Trichromacy



Original Color
153, 118, 138

Protanomaly
136, 124, 142

Deuteranomaly
143, 122, 137

Tritanomaly
152, 119, 132

Monochromacy



Original Color
153, 118, 138

Achromatopsia
131, 131, 131

Achromatomaly
139, 126, 134

CSS Examples

Text

The CSS property to change the color of the text to RYB 153, 118, 138 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(153, 118, 138) looks like.

```
.text, #text, p{  
    color:rgb(153, 118, 138)  
}
```

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(153, 118, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 118, 138) }
```

Border

The CSS property to change the border of an element to RYB 153, 118, 138 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(153, 118, 138) }
```

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

```
.border{ border-color:rgb(153, 118, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 118, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 118, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 118, 138);  
box-shadow:4px 4px 4px 4px rgb(153, 118,  
138) }
```

Background

The CSS property to change the background color of an element to RYB 153, 118, 138 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 118, 138) }
```

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

```
.background{ background-color: rgb(153,  
118, 138) }
```

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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