

Converting Colors

`RYB(153, 106, 109)`

Have a look what the booklet for
RYB(153, 106, 109) contains.

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Color

R_YB(153, 106, 109)

Conversions

Conversions Part 1

Format	Color
Hex	996A6D
RGB	153, 106, 109
RGB Percent	60%, 42%, 43%
CMY	0.4000, 0.5843, 0.5725
CMYK	0.00, 0.31, 0.29, 0.40
HSL	356°, 19%, 51%
HSV	356°, 31%, 60%
XYZ	21.0512, 18.1845, 16.8684
YIQ	120.3950, 27.0490, 10.8970

Conversions

Conversions Part 2

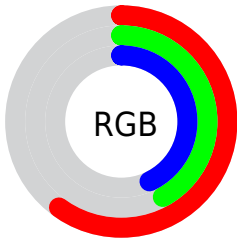
Format	Color
R_{YB}	153, 106, 109
Decimal	10054253
CIE Lab	49.72, 19.24, 5.89
CIE LCh	50, 20.127, 17.025
Yxy	18.1845, 0.3752, 0.3241
Android (android.graphics.Color)	4288244333 (0xFF996A6D)
YUV	120.3950, -5.6177, 28.5946
Hunter-Lab	42.6433, 13.4923, 6.3969

Details

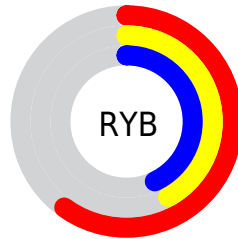
The RYB color **153, 106, 109** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **106, 130, 153**, and the grayscale version is **120, 120, 120**.

A 20% lighter version of the original color is **208, 158, 160**, and **101, 58, 62** is the 20% darker color. If you saturate the color by 10%, you get **153, 91, 95**, and if you desaturate by 10%, it is **153, 121, 123**.

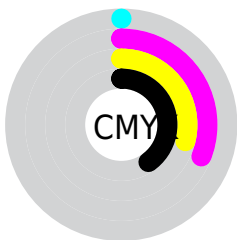
Distribution



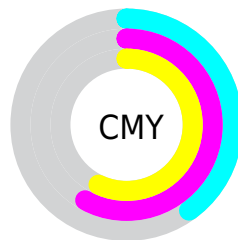
- Red (60%)
- Green (42%)
- Blue (43%)



- Red (60%)
- Yellow (42%)
- Blue (43%)



- Cyan (0%)
- Magenta (31%)
- Yellow (29%)
- Black (40%)



- Cyan (40%)
- Magenta (58%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the RYB color 153, 106, 109 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, 106, 109 by changing the saturation by 10% instead.

 153, 106, 109

255, 255, 255

 208, 158, 160

 237, 185, 187

 255, 212, 215


 255, 241, 244


 153, 106, 109

 153, 91, 95

 153, 75, 80

 153, 106, 109

 126, 82, 85

 101, 58, 62

 76, 36, 40

 52, 14, 19

 32, 0, 1

 0, 0, 0

 153, 106, 109


 153, 121, 123

 153, 137, 138


 153, 60, 66

 153, 152, 152


 153, 45, 52

 153, 160, 167


 153, 30, 37


 153, 169, 183

 153, 14, 23

 153, 176, 198

 153, 0, 10

 153, 184, 213

 153, 192, 228

 153, 200, 244

Harmonies

Analogous

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



148, 107, 126



153, 106, 109



149, 115, 94

Triad

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



153, 106, 109



95, 125, 119



87, 110, 151

Complementary

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



153, 106, 109



106, 130, 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.



70, 102, 143



153, 106, 109



82, 110, 127

Square

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



153, 106, 109



86, 121, 85



69, 99, 128



111, 115, 151

Rectangle

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



153, 106, 109



142, 136, 87



69, 99, 128



80, 107, 149

Sweetspot

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



153, 106, 109



199, 181, 182



150, 106, 153



99, 89, 89



227, 227, 227



99, 99, 99

Same Dimension

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



153, 106, 109



199, 125, 130



153, 141, 106



77, 69, 69



140, 0, 9



13, 0, 1

Inverse Universe

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



153, 106, 109



199, 125, 130



106, 123, 153



77, 69, 69



140, 0, 9



13, 0, 1

Previews

White Background



This preview shows how the RYB color 153, 106, 109 looks on a white background.

Color Contrast Check

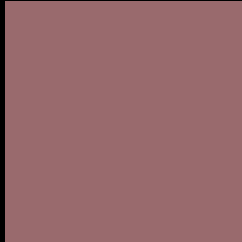
Large Text (above 18pt) WCAG AA ✓ Pass

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 153, 106, 109 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

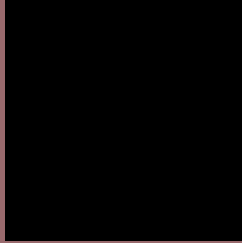
Any Text WCAG AA ✓ Pass

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, 106, 109 Background



This preview shows how black text looks on a background with the RYB color 153, 106, 109.



This preview shows how white text looks on a background with the RYB color 153, 106, 109.

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, 106, 109

Protanopia

121, 119, 116

Deuteranopia

134, 116, 107



Tritanopia
153, 105, 113

Trichromacy



Original Color

153, 106, 109

Protanomaly

133, 114, 113

Deuteranomaly

141, 111, 108

Tritanomaly

153, 105, 112

Monochromacy



Original Color

153, 106, 109

Achromatopsia

120, 120, 120

Achromatomaly

132, 115, 116

CSS Examples

Text

The CSS property to change the color of the text to RYB 153, 106, 109 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, 106, 109)` looks like.

```
.text, #text, p{  
    color:rgb(153, 106, 109)  
}
```

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, 106, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 106, 109) }
```

Border

The CSS property to change the border of an element to RYB 153, 106, 109 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, 106, 109) }
```

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

```
.border{ border-color:rgb(153, 106, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 106, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 106, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 106, 109);  
box-shadow:4px 4px 4px 4px rgb(153, 106,  
109) }
```

Background

The CSS property to change the background color of an element to RYB 153, 106, 109 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 106, 109) }
```

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

```
.background{ background-color: rgb(153,  
106, 109) }
```

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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