

Converting Colors

`RYB(153, 110, 153)`

Have a look what the booklet for
RYB(153, 110, 153) contains.

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Color

`RYB(153, 110, 153)`

Conversions

Conversions Part 1

Format	Color
Hex	996E99
RGB	153, 110, 153
RGB Percent	60%, 43%, 60%
CMY	0.4000, 0.5686, 0.4000
CMYK	0.00, 0.28, 0.00, 0.40
HSL	300°, 17%, 52%
HSV	300°, 28%, 60%
XYZ	24.4626, 20.2241, 32.7513
YIQ	127.7590, 11.8250, 22.4890

Conversions

Conversions Part 2

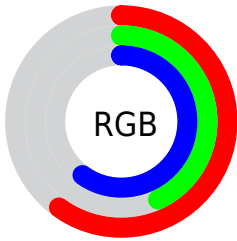
Format	Color
R _Y B	153, 110, 153
Decimal	10055321
CIE Lab	52.09, 24.56, -16.61
CIE LCh	52, 29.646, 325.929
Yxy	20.2241, 0.3159, 0.2612
Android (android.graphics.Color)	4288245401 (0xFF996E99)
YUV	127.7590, 12.4438, 22.1364
Hunter-Lab	44.9712, 18.3975, -11.6995

Details

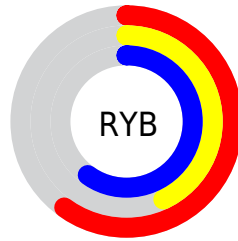
The RYB color **153, 110, 153** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **110, 153, 153**, and the grayscale version is **128, 128, 128**.

A 20% lighter version of the original color is **208, 162, 207**, and **101, 61, 102** is the 20% darker color. If you saturate the color by 10%, you get **153, 95, 153**, and if you desaturate by 10%, it is **153, 125, 153**.

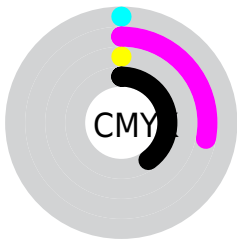
Distribution



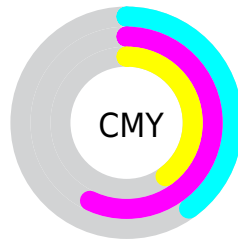
- Red (60%)
- Green (43%)
- Blue (60%)



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



- Cyan (0%)
- Magenta (28%)
- Yellow (0%)
- Black (40%)



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


Brightness & Saturation Gradients

These gradients show how the RYB color 153, 110, 153 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, 110, 153 by changing the saturation by 10% instead.

 153, 110, 153

255, 255, 255

 208, 162, 207


 236, 189, 236

 255, 217, 255


 255, 246, 255

 153, 110, 153

 127, 85, 127

 101, 61, 102

 77, 39, 78

 53, 17, 55

 33, 0, 34

 0, 0, 7


 0, 0, 0

 153, 110, 153


 153, 95, 153


 153, 110, 153


 153, 125, 153

 153, 79, 153


 153, 141, 153

 153, 64, 153


 153, 156, 156

 153, 49, 153

 153, 171, 171

 153, 34, 153

 153, 187, 187

 153, 18, 153

 153, 202, 202

 153, 3, 153

 153, 217, 217

 153, 0, 153

 153, 232, 232

 153, 248, 248

Harmonies

Analogous

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



122, 119, 170



153, 110, 153



170, 105, 129

Triad

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



153, 110, 153



105, 144, 73



20, 81, 146

Complementary

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



153, 110, 153



110, 153, 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.



55, 102, 138



153, 110, 153



78, 129, 89

Square

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



153, 110, 153



164, 131, 83



89, 130, 135



36, 92, 166

Rectangle

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



153, 110, 153



174, 105, 112



89, 130, 135



30, 84, 138

Sweetspot

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



153, 110, 153



199, 183, 199



110, 110, 153



99, 90, 99



227, 227, 227



99, 99, 99

Same Dimension

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



153, 110, 153



199, 131, 199



153, 110, 132



77, 69, 77



140, 0, 140



13, 0, 13

Inverse Universe

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



153, 110, 153



199, 131, 199



110, 138, 153



77, 69, 77



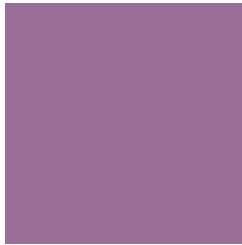
140, 0, 140



13, 0, 13

Previews

White Background



This preview shows how the RYB color 153, 110, 153 looks on a white background.

Color Contrast Check

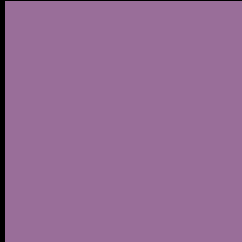
Large Text (above 18pt) WCAG AA ✓ Pass

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, 110, 153 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

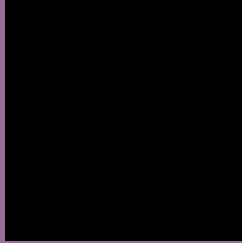
Any Text WCAG AA ✓ Pass

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, 110, 153 Background



This preview shows how black text looks on a background with the RYB color 153, 110, 153.



This preview shows how white text looks on a background with the RYB color 153, 110, 153.

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, 110, 153

Protanopia

114, 122, 162

Deuteranopia

123, 122, 151



Tritanopia
149, 115, 124

Trichromacy



Original Color
153, 110, 153

Protanomaly
128, 118, 159

Deuteranomaly
134, 118, 152

Tritanomaly
150, 113, 135

Monochromacy



Original Color
153, 110, 153

Achromatopsia
128, 128, 128

Achromatomaly
137, 121, 137

CSS Examples

Text

The CSS property to change the color of the text to RYB 153, 110, 153 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, 110, 153)` looks like.

```
.text, #text, p{  
    color:rgb(153, 110, 153)  
}
```

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, 110, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 110, 153) }
```

Border

The CSS property to change the border of an element to RYB 153, 110, 153 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, 110, 153) }
```

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

```
.border{ border-color:rgb(153, 110, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 110, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 110, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 110, 153);  
box-shadow:4px 4px 4px 4px rgb(153, 110,  
153) }
```

Background

The CSS property to change the background color of an element to RYB 153, 110, 153 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 110, 153) }
```

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

```
.background{ background-color: rgb(153,  
110, 153) }
```

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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