

Converting Colors

`RYB(151, 110, 156)`

Have a look what the booklet for
RYB(151, 110, 156) contains.

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Color

R_YB(151, 110, 156)

Conversions

Conversions Part 1

Format	Color
Hex	976E9C
RGB	151, 110, 156
RGB Percent	59%, 43%, 61%
CMY	0.4078, 0.5686, 0.3882
CMYK	0.03, 0.29, 0.00, 0.39
HSL	293°, 19%, 52%
HSV	293°, 29%, 61%
XYZ	24.3392, 20.1315, 34.0554
YIQ	127.5030, 9.6700, 22.9980

Conversions

Conversions Part 2

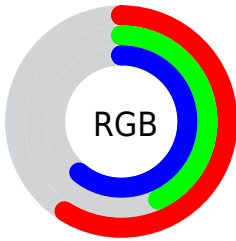
Format	Color
R_{YB}	151, 110, 156
Decimal	9924252
CIE _{Lab}	51.99, 24.47, -18.54
CIE _{LCh}	52, 30.703, 322.845
Yxy	20.1315, 0.3100, 0.2564
Android (android.graphics.Color)	4288114332 (0xFF976E9C)
YUV	127.5030, 14.0490, 20.6069
Hunter-Lab	44.8681, 18.3100, -13.5942

Details

The RYB color **151, 110, 156** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **110, 156, 151**, and the grayscale version is **127, 127, 127**.

A 20% lighter version of the original color is **206, 162, 211**, and **99, 62, 105** is the 20% darker color. If you saturate the color by 10%, you get **149, 94, 156**, and if you desaturate by 10%, it is **153, 126, 156**.

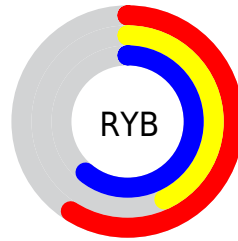
Distribution



Red (59%)

Green (43%)

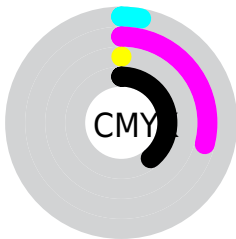
Blue (61%)



Red (59%)

Yellow (43%)

Blue (61%)

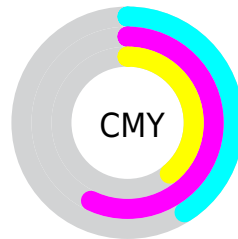


Cyan (3%)

Magenta (29%)

Yellow (0%)

Black (39%)



Cyan (41%)

Magenta (57%)

Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the RYB color 151, 110, 156 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 151, 110, 156 by changing the saturation by 10% instead.

 151, 110, 156

255, 255, 255

 206, 162, 211


 234, 189, 239

 255, 217, 255

 255, 246, 255

 151, 110, 156


 149, 94, 156

 151, 110, 156

 125, 85, 130

 99, 62, 105


 75, 39, 80

 51, 17, 57

 32, 0, 36

 0, 0, 11

 0, 0, 0

 151, 110, 156

 153, 126, 156

148, 79, 156

154, 141, 156

146, 63, 156

156, 157, 157

144, 48, 156

156, 172, 170

143, 32, 156

156, 188, 185

141, 16, 156

156, 204, 199

139, 1, 156

156, 219, 212

139, 0, 156

156, 235, 226

156, 250, 240

Harmonies

Analogous

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



118, 119, 172



151, 110, 156



170, 104, 131

Triad

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



151, 110, 156



114, 147, 72



5, 73, 143

Complementary

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



151, 110, 156



110, 156, 151

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, 103, 138



151, 110, 156



75, 129, 83

Square

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



151, 110, 156



166, 125, 83



90, 133, 134



20, 84, 165

Rectangle

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



151, 110, 156



175, 103, 114



90, 133, 134



25, 82, 138

Sweetspot

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



151, 110, 156



202, 186, 204



110, 115, 156



101, 91, 102



230, 230, 230



102, 102, 102

Same Dimension

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



151, 110, 156



196, 133, 204



156, 110, 138



78, 71, 79



127, 0, 143



14, 0, 15

Inverse Universe

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



156, 110, 115



204, 133, 140



110, 143, 156



79, 71, 72



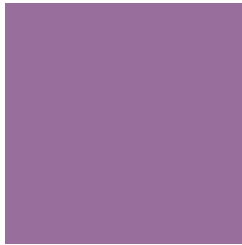
143, 0, 16



15, 0, 2

Previews

White Background



This preview shows how the RYB color 151, 110, 156 looks on a white background.

Color Contrast Check

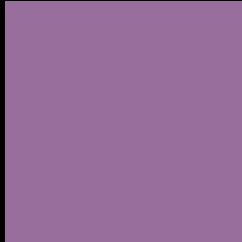
Large Text (above 18pt) WCAG AA ✓ Pass

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 151, 110, 156 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

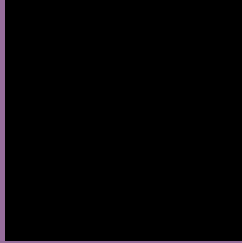
Any Text WCAG AA ✓ Pass

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 151, 110, 156 Background



This preview shows how black text looks on a background with the RYB color 151, 110, 156.



This preview shows how white text looks on a background with the RYB color 151, 110, 156.

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

151, 110, 156

Protanopia

112, 121, 165

Deuteranopia

121, 122, 154



Tritanopia
147, 116, 125

Trichromacy



Original Color
151, 110, 156

Protanomaly
126, 118, 162

Deuteranomaly
132, 118, 155

Tritanomaly
148, 114, 136

Monochromacy



Original Color
151, 110, 156

Achromatopsia
128, 128, 128

Achromatomaly
136, 121, 138

CSS Examples

Text

The CSS property to change the color of the text to RYB 151, 110, 156 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(151, 110, 156)` looks like.

```
.text, #text, p{  
    color:rgb(151, 110, 156)  
}
```

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(151, 110, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 110, 156) }
```

Border

The CSS property to change the border of an element to RYB 151, 110, 156 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(151, 110, 156) }
```

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

```
.border{ border-color:rgb(151, 110, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 110, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 110, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 110, 156);  
box-shadow:4px 4px 4px 4px rgb(151, 110,  
156) }
```

Background

The CSS property to change the background color of an element to RYB 151, 110, 156 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 110, 156) }
```

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

```
.background{ background-color: rgb(151,  
110, 156) }
```

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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