

Converting Colors

`RYB(151, 77, 120)`

Have a look what the booklet for
RYB(151, 77, 120) contains.

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Color

R_YB(151, 77, 120)

Conversions

Conversions Part 1

Format	Color
Hex	974D78
RGB	151, 77, 120
RGB Percent	59%, 30%, 47%
CMY	0.4078, 0.6980, 0.5294
CMYK	0.00, 0.49, 0.21, 0.41
HSL	325°, 32%, 45%
HSV	325°, 49%, 59%
XYZ	18.8065, 13.2431, 19.3343
YIQ	104.0280, 30.3010, 29.0610

Conversions

Conversions Part 2

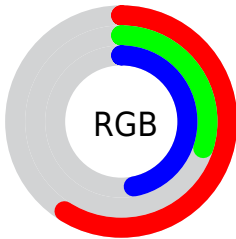
Format	Color
R_{YB}	151, 77, 120
Decimal	9915768
CIE _{Lab}	43.13, 36.50, -10.47
CIE _{LCh}	43, 37.971, 343.994
Yxy	13.2431, 0.3660, 0.2577
Android (android.graphics.Color)	4288105848 (0xFF974D78)
YUV	104.0280, 7.8742, 41.1944
Hunter-Lab	36.3911, 28.5625, -6.0265

Details

The RYB color **151, 77, 120** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **77, 129, 151**, and the grayscale version is **104, 104, 104**.

A 20% lighter version of the original color is **207, 128, 172**, and **98, 27, 72** is the 20% darker color. If you saturate the color by 10%, you get **151, 62, 114**, and if you desaturate by 10%, it is **151, 92, 126**.

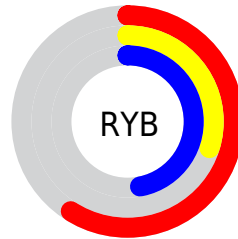
Distribution



Red (59%)

Green (30%)

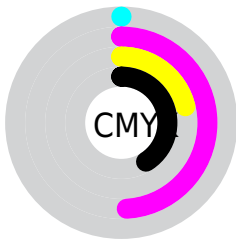
Blue (47%)



Red (59%)

Yellow (30%)

Blue (47%)

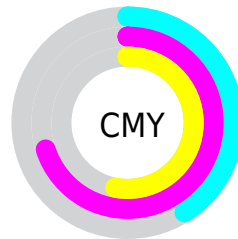


Cyan (0%)

Magenta (49%)

Yellow (21%)

Black (41%)



Cyan (41%)


Magenta (70%)


Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the RYB color 151, 77, 120 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, 77, 120 by changing the saturation by 10% instead.

 151, 77, 120

 151, 77, 120

255, 255, 255

 124, 52, 95

 207, 128, 172

 98, 27, 72

 236, 155, 200

 72, 0, 49

 255, 182, 228


 49, 0, 28


 255, 210, 255


 17, 0, 0

 255, 239, 255


 0, 0, 0


 151, 77, 120

 151, 77, 120

 151, 62, 114

 151, 92, 126

 151, 47, 107

 151, 107, 133

151, 32, 101

151, 122, 139

151, 17, 95

151, 137, 145

151, 2, 88

151, 152, 153

151, 0, 88

151, 163, 168

151, 174, 183

151, 184, 198

151, 195, 213

Harmonies

Analogous

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



123, 88, 147



151, 77, 120



160, 75, 88

Triad

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



151, 77, 120



39, 106, 38



0, 64, 145

Complementary

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



151, 77, 120



77, 129, 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.



0, 60, 118



151, 77, 120



55, 112, 96

Square

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



151, 77, 120



110, 134, 40



3, 69, 116



0, 66, 162

Rectangle

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



151, 77, 120



157, 81, 68



3, 69, 116



0, 63, 136

Sweetspot

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



151, 77, 120



196, 167, 184



108, 77, 151



99, 82, 92



227, 227, 227



99, 99, 99

Same Dimension

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



151, 77, 120



196, 81, 148



151, 77, 83



77, 69, 73



140, 0, 81



13, 0, 7

Inverse Universe

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



151, 77, 120



196, 81, 148



77, 116, 151



77, 69, 73



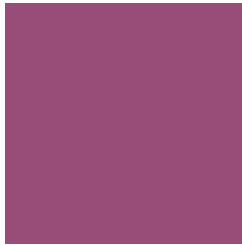
140, 0, 81



13, 0, 7

Previews

White Background



This preview shows how the RYB color 151, 77, 120 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 151, 77, 120 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

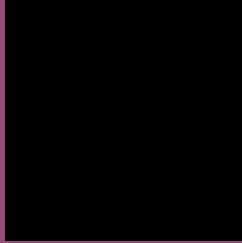
Any Text WCAG AA × Fail

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 151, 77, 120 Background



This preview shows how black text looks on a background with the RYB color 151, 77, 120.



This preview shows how white text looks on a background with the RYB color 151, 77, 120.

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, 77, 120

Protanopia

92, 100, 137

Deuteranopia

106, 100, 116



Tritanopia
148, 83, 89

Trichromacy



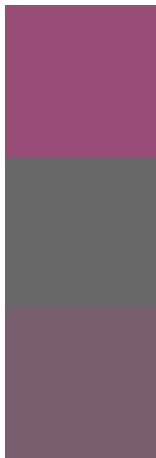
Original Color
151, 77, 120

Protanomaly
113, 92, 131

Deuteranomaly
122, 92, 117

Tritanomaly
149, 81, 100

Monochromacy



Original Color
151, 77, 120

Achromatopsia
104, 104, 104

Achromatomaly
121, 94, 110

CSS Examples

Text

The CSS property to change the color of the text to RYB 151, 77, 120 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, 77, 120)` looks like.

```
.text, #text, p{  
    color:rgb(151, 77, 120)  
}
```

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, 77, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 77, 120) }
```

Border

The CSS property to change the border of an element to RYB 151, 77, 120 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, 77, 120) }
```

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

```
.border{ border-color:rgb(151, 77, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 77, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 77, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 77, 120);  
box-shadow:4px 4px 4px 4px rgb(151, 77,  
120) }
```

Background

The CSS property to change the background color of an element to RGB 151, 77, 120 is called "background".

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

```
.background, #background, body{  
background: rgb(151, 77, 120) }
```

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

```
.background{ background-color: rgb(151, 77,  
120) }
```

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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