

Converting Colors

`RYB(173, 61, 151)`

Have a look what the booklet for
RYB(173, 61, 151) contains.

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Color

R_YB(173, 61, 151)

Conversions

Conversions Part 1

Format	Color
Hex	AD3D97
RGB	173, 61, 151
RGB Percent	68%, 24%, 59%
CMY	0.3216, 0.7608, 0.4078
CMYK	0.00, 0.65, 0.13, 0.32
HSL	312°, 48%, 46%
HSV	312°, 65%, 68%
XYZ	24.4882, 14.4561, 30.7778
YIQ	104.7480, 37.8620, 51.7340

Conversions

Conversions Part 2

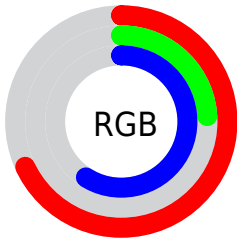
Format	Color
R_{YB}	173, 61, 151
Decimal	11353495
CIE Lab	44.88, 55.74, -26.29
CIE LCh	45, 61.633, 334.749
Yxy	14.4561, 0.3512, 0.2073
Android (android.graphics.Color)	4289543575 (0xFFAD3D97)
YUV	104.7480, 22.8022, 59.8570
Hunter-Lab	38.0212, 48.4292, -21.3799

Details

The RYB color **173, 61, 151** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **61, 155, 173**, and the grayscale version is **104, 104, 104**.

A 20% lighter version of the original color is **231, 116, 205**, and **117, 0, 100** is the 20% darker color. If you saturate the color by 10%, you get **173, 44, 148**, and if you desaturate by 10%, it is **173, 78, 154**.

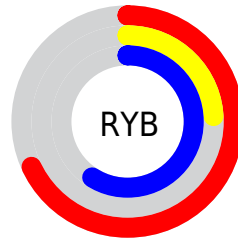
Distribution



Red (68%)

Green (24%)

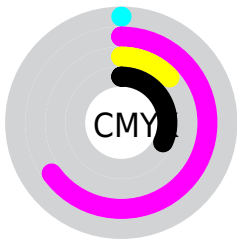
Blue (59%)



Red (68%)

Yellow (24%)

Blue (59%)

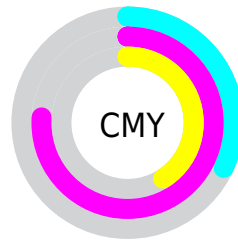


Cyan (0%)

Magenta (65%)

Yellow (13%)

Black (32%)



Cyan (32%)

Magenta (76%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the RYB color 173, 61, 151 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 173, 61, 151 by changing the saturation by 10% instead.



173, 61, 151



173, 61, 151

255, 255, 255



145, 31, 125



231, 116, 205



117, 0, 100



255, 143, 234



90, 0, 76



255, 171, 255



64, 0, 53



255, 200, 255



39, 0, 31



255, 229, 255



0, 0, 1



0, 0, 0



173, 61, 151



173, 61, 151



173, 44, 148



173, 78, 154

■ 173, 26, 144

■ 173, 96, 158

■ 173, 9, 141

■ 173, 113, 161

■ 173, 0, 139

■ 173, 130, 165

■ 173, 147, 168

■ 173, 165, 171

■ 173, 180, 182

■ 173, 195, 199

■ 173, 210, 217

Harmonies

Analogous

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



115, 88, 191



173, 61, 151



195, 45, 100

Triad

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



173, 61, 151



16, 121, 0



0, 72, 164

Complementary

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



173, 61, 151



61, 155, 173

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, 69, 129



173, 61, 151



0, 119, 52

Square

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



173, 61, 151



140, 162, 0



0, 86, 126



0, 76, 199

Rectangle

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



173, 61, 151



194, 53, 67



0, 86, 126



0, 69, 148

Sweetspot

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



173, 61, 151



224, 182, 216



82, 61, 173



112, 86, 107



240, 240, 240



112, 112, 112

Same Dimension

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



173, 61, 151



224, 49, 190



173, 61, 96



87, 78, 85



150, 0, 121



23, 0, 18

Inverse Universe

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



173, 61, 151



224, 49, 190



61, 127, 173



87, 78, 85



150, 0, 121



23, 0, 18

Previews

White Background



This preview shows how the RYB color 173, 61, 151 looks on a white background.

Color Contrast Check

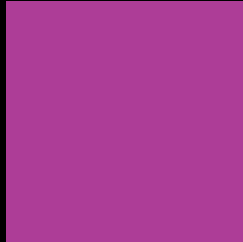
Large Text (above 18pt) WCAG AA ✓ Pass

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 173, 61, 151 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

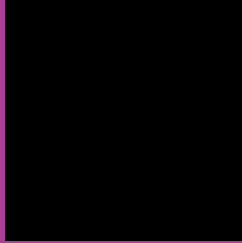
Any Text WCAG AA × Fail

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 173, 61, 151 Background



This preview shows how black text looks on a background with the RYB color 173, 61, 151.



This preview shows how white text looks on a background with the RYB color 173, 61, 151.

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
173, 61, 151

Protanopia
69, 96, 187

Deuteranopia
96, 104, 144



Tritanopia
166, 79, 85

Trichromacy



Original Color
173, 61, 151



Protanomaly
107, 88, 174



Deuteranomaly
124, 89, 147



Tritanomaly
169, 72, 109

Monochromacy



Original Color
173, 61, 151



Achromatopsia
105, 105, 105



Achromatomaly
130, 89, 122

CSS Examples

Text

The CSS property to change the color of the text to RYB 173, 61, 151 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(173, 61, 151)` looks like.

```
.text, #text, p{  
    color:rgb(173, 61, 151)  
}
```

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(173, 61, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 61, 151) }
```

Border

The CSS property to change the border of an element to RYB 173, 61, 151 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(173, 61, 151) }
```

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

```
.border{ border-color:rgb(173, 61, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 61, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 61, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 61, 151);  
box-shadow:4px 4px 4px 4px rgb(173, 61,  
151) }
```

Background

The CSS property to change the background color of an element to RGB 173, 61, 151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 61, 151) }
```

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

```
.background{ background-color: rgb(173, 61,  
151) }
```

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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