

Converting Colors

`RYB(173, 90, 109)`

Have a look what the booklet for
RYB(173, 90, 109) contains.

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Color

`RYB(173, 90, 109)`

Conversions

Conversions Part 1

Format	Color
Hex	AD5A6D
RGB	173, 90, 109
RGB Percent	68%, 35%, 43%
CMY	0.3216, 0.6471, 0.5725
CMYK	0.00, 0.48, 0.37, 0.32
HSL	346°, 34%, 52%
HSV	346°, 48%, 68%
XYZ	23.6501, 17.3007, 16.5609
YIQ	116.9830, 43.3690, 23.5050

Conversions

Conversions Part 2

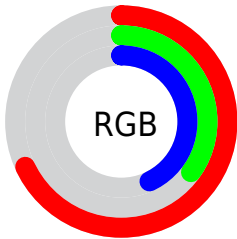
Format	Color
R_{YB}	173, 90, 109
Decimal	11360877
CIE Lab	48.64, 35.88, 4.68
CIE LCh	49, 36.184, 7.437
Yxy	17.3007, 0.4112, 0.3008
Android (android.graphics.Color)	4289550957 (0xFFAD5A6D)
YUV	116.9830, -3.9356, 49.1269
Hunter-Lab	41.5941, 28.7039, 5.5093

Details

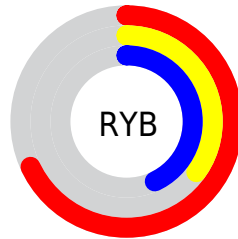
The RYB color **173, 90, 109** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **90, 137, 173**, and the grayscale version is **117, 117, 117**.

A 20% lighter version of the original color is **231, 142, 160**, and **118, 40, 62** is the 20% darker color. If you saturate the color by 10%, you get **173, 73, 96**, and if you desaturate by 10%, it is **173, 107, 122**.

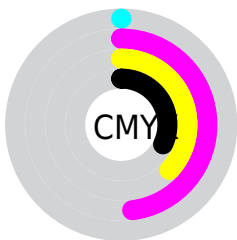
Distribution



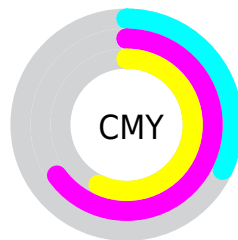
- Red (68%)
- Green (35%)
- Blue (43%)



- Red (68%)
- Yellow (35%)
- Blue (43%)



- Cyan (0%)
- Magenta (48%)
- Yellow (37%)
- Black (32%)

















- Cyan (32%)
- Magenta (65%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the RYB color 173, 90, 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 173, 90, 109 by changing the saturation by 10% instead.

 173, 90, 109	 173, 90, 109
 255, 255, 255	 145, 65, 85
 231, 142, 160	 118, 40, 62
 255, 169, 187	 91, 13, 40
 255, 197, 215	 65, 0, 20
 255, 225, 243	 43, 0, 1
 255, 254, 255	 0, 0, 0

 173, 90, 109	 173, 90, 109
 173, 73, 96	 173, 107, 122
 173, 55, 82	 173, 125, 136

■ 173, 38, 69

■ 173, 142, 149

■ 173, 21, 56

■ 173, 159, 162

■ 173, 4, 42

■ 173, 175, 177

■ 173, 0, 40

■ 173, 185, 194

■ 173, 195, 211

■ 173, 204, 228

■ 173, 214, 246

Harmonies

Analogous

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



159, 94, 140



173, 90, 109



170, 98, 80

Triad

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



173, 90, 109



65, 124, 95



0, 72, 171

Complementary

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



173, 90, 109



90, 137, 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, 70, 152



173, 90, 109



52, 103, 129

Square

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



173, 90, 109



66, 127, 53



0, 68, 131



79, 106, 176

Rectangle

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



173, 90, 109



160, 126, 65



0, 68, 131



0, 72, 166

Sweetspot

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



173, 90, 109



224, 193, 200



154, 90, 173



112, 93, 97



240, 240, 240



112, 112, 112

Same Dimension

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



173, 90, 109



224, 94, 124



173, 120, 90



87, 78, 80



150, 0, 34



23, 0, 5

Inverse Universe

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



173, 90, 109



224, 94, 124



90, 125, 173



87, 78, 80



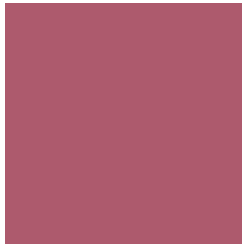
150, 0, 34



23, 0, 5

Previews

White Background



This preview shows how the RYB color 173, 90, 109 looks on a white background.

Color Contrast Check

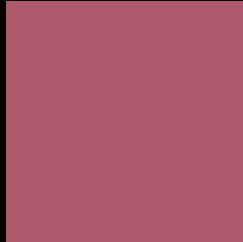
Large Text (above 18pt) WCAG AA ✓ Pass

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 173, 90, 109 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, 90, 109 Background



This preview shows how black text looks on a background with the RYB color 173, 90, 109.

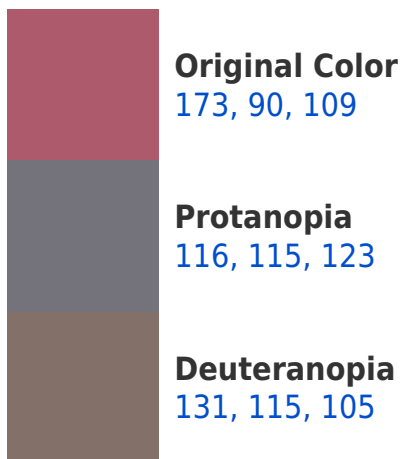


This preview shows how white text looks on a background with the RYB color 173, 90, 109.

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





Tritanopia
172, 92, 98

Trichromacy



Original Color
173, 90, 109

Protanomaly
137, 106, 118

Deuteranomaly
146, 104, 106

Tritanomaly
172, 91, 102

Monochromacy



Original Color
173, 90, 109

Achromatopsia
117, 117, 117

Achromatomaly
137, 107, 114

CSS Examples

Text

The CSS property to change the color of the text to RYB 173, 90, 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(173, 90, 109)` looks like.

```
.text, #text, p{  
    color:rgb(173, 90, 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(173, 90, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 90, 109) }
```

Border

The CSS property to change the border of an element to RYB 173, 90, 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(173, 90, 109) }
```

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

```
.border{ border-color:rgb(173, 90, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 90, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(173, 90, 109); -webkit-box-shadow:4px 4px 4px 4px rgb(173, 90, 109); box-shadow:4px 4px 4px 4px rgb(173, 90, 109) }
```

Background

The CSS property to change the background color of an element to RGB 173, 90, 109 is called "background".

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

```
.background, #background, body{  
background: rgb(173, 90, 109) }
```

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

```
.background{ background-color: rgb(173, 90,  
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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