

Converting Colors

`RYB(173, 104, 117)`

Have a look what the booklet for
RYB(173, 104, 117) contains.

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Color

R_YB(173, 104, 117)

Conversions

Conversions Part 1

Format	Color
Hex	AD6875
RGB	173, 104, 117
RGB Percent	68%, 41%, 46%
CMY	0.3216, 0.5922, 0.5412
CMYK	0.00, 0.40, 0.32, 0.32
HSL	349°, 30%, 54%
HSV	349°, 40%, 68%
XYZ	25.3948, 20.0692, 19.3649
YIQ	126.1130, 36.9510, 18.6710

Conversions

Conversions Part 2

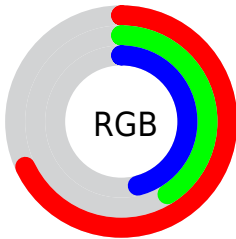
Format	Color
R_{YB}	173, 104, 117
Decimal	11364469
CIE _{Lab}	51.92, 29.30, 4.62
CIE _{LCh}	52, 29.660, 8.966
Yxy	20.0692, 0.3917, 0.3096
Android (android.graphics.Color)	4289554549 (0xFFAD6875)
YUV	126.1130, -4.4927, 41.1199
Hunter-Lab	44.7987, 22.7876, 5.7301

Details

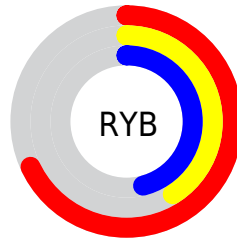
The RYB color **173, 104, 117** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **104, 142, 173**, and the grayscale version is **126, 126, 126**.

A 20% lighter version of the original color is **230, 156, 169**, and **118, 55, 69** is the 20% darker color. If you saturate the color by 10%, you get **173, 87, 103**, and if you desaturate by 10%, it is **173, 121, 131**.

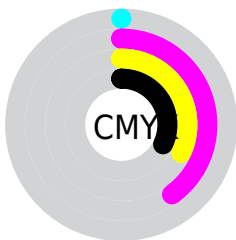
Distribution



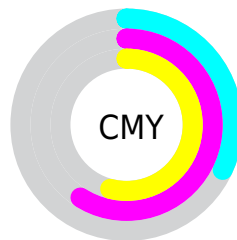
- Red (68%)
- Green (41%)
- Blue (46%)



- Red (68%)
- Yellow (41%)
- Blue (46%)



- Cyan (0%)
- Magenta (40%)
- Yellow (32%)
- Black (32%)



- Cyan (32%)
- Magenta (59%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the RYB color 173, 104, 117 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, 104, 117 by changing the saturation by 10% instead.

 173, 104, 117


255, 255, 255

 230, 156, 169


 255, 183, 196

 255, 211, 224

 255, 240, 253

 173, 104, 117

 145, 79, 92

 118, 55, 69

 92, 31, 47

 67, 6, 26

 45, 0, 0

 0, 0, 0

 173, 104, 117

 173, 87, 103

 173, 69, 89

 173, 104, 117

 173, 121, 131

 173, 139, 145

■ 173, 52, 75

■ 173, 156, 159

■ 173, 35, 61

■ 173, 173, 173

■ 173, 18, 47

■ 173, 183, 191

■ 173, 0, 33

■ 173, 192, 208

■ 173, 202, 225

■ 173, 211, 242

■ 173, 217, 255

Harmonies

Analogous

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



162, 107, 143



173, 104, 117



170, 112, 93

Triad

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



173, 104, 117



83, 132, 110



55, 101, 171

Complementary

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



173, 104, 117



104, 142, 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.



16, 80, 155



173, 104, 117



74, 115, 136

Square

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



173, 104, 117



82, 133, 73



38, 89, 137



100, 118, 174

Rectangle

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



173, 104, 117



162, 134, 81



38, 89, 137



40, 94, 167

Sweetspot

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



173, 104, 117



224, 197, 203



159, 104, 173



112, 96, 99



240, 240, 240



112, 112, 112

Same Dimension

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



173, 104, 117



224, 117, 137



173, 134, 104



87, 78, 80



150, 0, 28



23, 0, 4

Inverse Universe

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



173, 104, 117



224, 117, 137



104, 132, 173



87, 78, 80



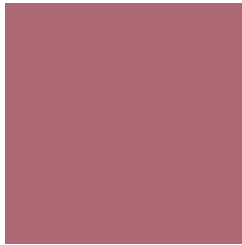
150, 0, 28



23, 0, 4

Previews

White Background



This preview shows how the RYB color 173, 104, 117 looks on a white background.

Color Contrast Check

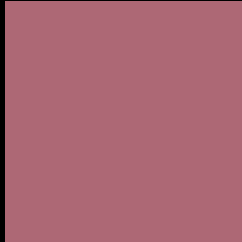
Large Text (above 18pt) WCAG AA ✓ Pass

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 173, 104, 117 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

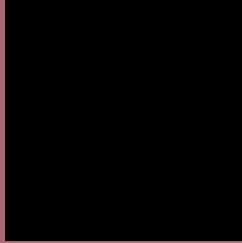
Any Text WCAG AA ✓ Pass

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 173, 104, 117 Background



This preview shows how black text looks on a background with the RYB color 173, 104, 117.



This preview shows how white text looks on a background with the RYB color 173, 104, 117.

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, 104, 117

Protanopia
125, 124, 128

Deuteranopia
140, 122, 114



Tritanopia
173, 105, 113

Trichromacy



Original Color
173, 104, 117

Protanomaly
142, 117, 124

Deuteranomaly
152, 114, 115

Tritanomaly
173, 105, 114

Monochromacy



Original Color
173, 104, 117

Achromatopsia
126, 126, 126

Achromatomaly
143, 118, 123

CSS Examples

Text

The CSS property to change the color of the text to RYB 173, 104, 117 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, 104, 117)` looks like.

```
.text, #text, p{  
    color:rgb(173, 104, 117)  
}
```

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, 104, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 104, 117) }
```

Border

The CSS property to change the border of an element to RYB 173, 104, 117 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, 104, 117) }
```

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

```
.border{ border-color:rgb(173, 104, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 104, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 104, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 104, 117);  
box-shadow:4px 4px 4px 4px rgb(173, 104,  
117) }
```

Background

The CSS property to change the background color of an element to RYB 173, 104, 117 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 104, 117) }
```

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

```
.background{ background-color: rgb(173,  
104, 117) }
```

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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