

Converting Colors

`RYB(173, 73, 127)`

Have a look what the booklet for
RYB(173, 73, 127) contains.

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Color

`RYB(173, 73, 127)`

Conversions

Conversions Part 1

Format	Color
Hex	AD497F
RGB	173, 73, 127
RGB Percent	68%, 29%, 50%
CMY	0.3216, 0.7137, 0.5020
CMYK	0.00, 0.58, 0.27, 0.32
HSL	328°, 41%, 48%
HSV	328°, 58%, 68%
XYZ	23.4469, 15.1816, 21.7732
YIQ	109.0560, 42.2660, 37.9940

Conversions

Conversions Part 2

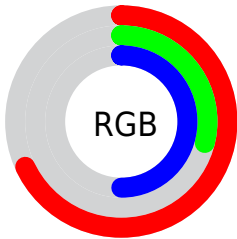
Format	Color
R_{YB}	173, 73, 127
Decimal	11356543
CIE _{Lab}	45.88, 46.85, -10.26
CIE _{LCh}	46, 47.961, 347.646
Yxy	15.1816, 0.3882, 0.2513
Android (android.graphics.Color)	4289546623 (0xFFAD497F)
YUV	109.0560, 8.8464, 56.0789
Hunter-Lab	38.9636, 39.2285, -5.8573

Details

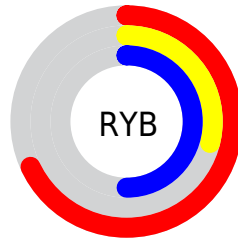
The RYB color **173, 73, 127** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **73, 141, 173**, and the grayscale version is **109, 109, 109**.

A 20% lighter version of the original color is **231, 126, 180**, and **117, 15, 78** is the 20% darker color. If you saturate the color by 10%, you get **173, 56, 119**, and if you desaturate by 10%, it is **173, 90, 135**.

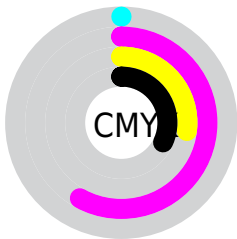
Distribution



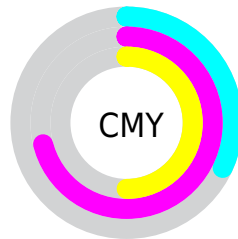
- Red (68%)
- Green (29%)
- Blue (50%)



- Red (68%)
- Yellow (29%)
- Blue (50%)



- Cyan (0%)
- Magenta (58%)
- Yellow (27%)
- Black (32%)



- Cyan (32%)
- Magenta (71%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the RYB color 173, 73, 127 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, 73, 127 by changing the saturation by 10% instead.



173, 73, 127



173, 73, 127

255, 255, 255



145, 46, 102



231, 126, 180



117, 15, 78



255, 153, 207



91, 0, 55



255, 181, 236



64, 0, 34



255, 209, 255



41, 0, 9



255, 238, 255



0, 0, 0



173, 73, 127



173, 73, 127



173, 56, 119




173, 90, 135



173, 38, 111




173, 108, 143


 173, 21, 103

 173, 125, 151


 173, 4, 95

 173, 142, 159

 173, 0, 93

 173, 160, 167

 173, 176, 177

 173, 187, 194

 173, 199, 211

 173, 211, 229

Harmonies

Analogous

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



140, 88, 163



173, 73, 127



182, 72, 87

Triad

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



173, 73, 127



23, 114, 30



0, 71, 167

Complementary

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



173, 73, 127



73, 141, 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, 65, 132



173, 73, 127



51, 122, 114

Square

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



173, 73, 127



89, 143, 24



0, 74, 127



0, 72, 187

Rectangle

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



173, 73, 127



176, 82, 62



0, 74, 127



0, 70, 157

Sweetspot

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



173, 73, 127



224, 186, 207



118, 73, 173



112, 90, 102



240, 240, 240



112, 112, 112

Same Dimension

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



173, 73, 127



224, 70, 153



173, 73, 78



87, 78, 83



150, 0, 81



23, 0, 12

Inverse Universe

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



173, 73, 127



224, 70, 153



73, 124, 173



87, 78, 83



150, 0, 81



23, 0, 12

Previews

White Background



This preview shows how the RYB color 173, 73, 127 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, 73, 127 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

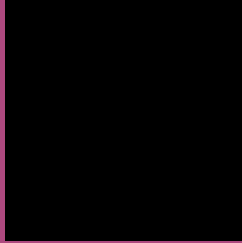
Any Text WCAG AA × Fail

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, 73, 127 Background



This preview shows how black text looks on a background with the RYB color 173, 73, 127.



This preview shows how white text looks on a background with the RYB color 173, 73, 127.

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, 73, 127

Protanopia
96, 106, 151

Deuteranopia
114, 106, 122



Tritanopia
170, 82, 87

Trichromacy



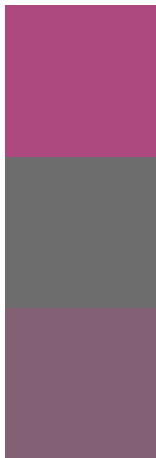
Original Color
173, 73, 127

Protanomaly
124, 95, 142

Deuteranomaly
135, 94, 124

Tritanomaly
171, 79, 102

Monochromacy



Original Color
173, 73, 127

Achromatopsia
109, 109, 109

Achromatomaly
132, 96, 116

CSS Examples

Text

The CSS property to change the color of the text to RYB 173, 73, 127 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, 73, 127)` looks like.

```
.text, #text, p{  
    color:rgb(173, 73, 127)  
}
```

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, 73, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 73, 127) }
```

Border

The CSS property to change the border of an element to RYB 173, 73, 127 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, 73, 127) }
```

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

```
.border{ border-color:rgb(173, 73, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 73, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 73, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 73, 127);  
box-shadow:4px 4px 4px 4px rgb(173, 73,  
127) }
```

Background

The CSS property to change the background color of an element to RGB 173, 73, 127 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 73, 127) }
```

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

```
.background{ background-color: rgb(173, 73,  
127) }
```

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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