

Converting Colors

`RYB(172, 97, 127)`

Have a look what the booklet for
RYB(172, 97, 127) contains.

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Color

`RYB(172, 97, 127)`

Conversions

Conversions Part 1

Format	Color
Hex	AC617F
RGB	172, 97, 127
RGB Percent	67%, 38%, 50%
CMY	0.3255, 0.6196, 0.5020
CMYK	0.00, 0.44, 0.26, 0.33
HSL	336°, 31%, 53%
HSV	336°, 44%, 67%
XYZ	25.1187, 18.8524, 22.3936
YIQ	122.8450, 35.0700, 25.2300

Conversions

Conversions Part 2

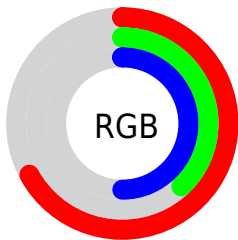
Format	Color
R_{YB}	172, 97, 127
Decimal	11297151
CIE _{Lab}	50.51, 34.17, -3.38
CIE _{LCh}	51, 34.334, 354.357
Yxy	18.8524, 0.3785, 0.2841
Android (android.graphics.Color)	4289487231 (0xFFAC617F)
YUV	122.8450, 2.0484, 43.1089
Hunter-Lab	43.4193, 27.2812, -0.1855

Details

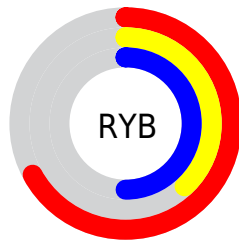
The RYB color **172, 97, 127** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **97, 144, 172**, and the grayscale version is **123, 123, 123**.

A 20% lighter version of the original color is **229, 149, 180**, and **118, 48, 78** is the 20% darker color. If you saturate the color by 10%, you get **172, 80, 117**, and if you desaturate by 10%, it is **172, 114, 137**.

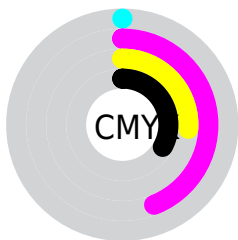
Distribution



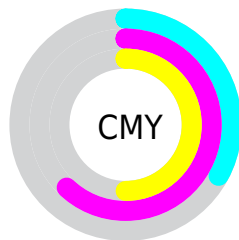
- Red (67%)
- Green (38%)
- Blue (50%)



- Red (67%)
- Yellow (38%)
- Blue (50%)



- Cyan (0%)
- Magenta (44%)
- Yellow (26%)
- Black (33%)



- Cyan (33%)
- Magenta (62%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the RYB color 172, 97, 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 172, 97, 127 by changing the saturation by 10% instead.



172, 97, 127



172, 97, 127

255, 255, 255



144, 72, 102



229, 149, 180



118, 48, 78



255, 176, 207



91, 23, 55



255, 204, 235



66, 0, 34



255, 233, 255



45, 0, 12



0, 0, 0



172, 97, 127



172, 97, 127



172, 80, 117



172, 114, 137



172, 63, 106



172, 131, 148

■ 172, 45, 96

■ 172, 149, 158

■ 172, 28, 86

■ 172, 166, 168

■ 172, 11, 75

■ 172, 179, 183

■ 172, 0, 69

■ 172, 189, 200

■ 172, 200, 217

■ 172, 211, 235

■ 172, 222, 252

Harmonies

Analogous

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



151, 104, 155



172, 97, 127



176, 98, 98

Triad

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



172, 97, 127



65, 126, 77



0, 74, 167

Complementary

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



172, 97, 127



97, 144, 172

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, 143



172, 97, 127



80, 127, 132

Square

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



172, 97, 127



99, 143, 61



31, 89, 135



61, 102, 178

Rectangle

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



172, 97, 127



170, 110, 81



31, 89, 135



0, 73, 160

Sweetspot

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



172, 97, 127



224, 195, 207



142, 97, 172



112, 94, 101



240, 240, 240



112, 112, 112

Same Dimension

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



172, 97, 127



224, 108, 154



172, 106, 97



87, 78, 81



150, 0, 60



23, 0, 9

Inverse Universe

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



172, 97, 127



224, 108, 154



97, 132, 172



87, 78, 81



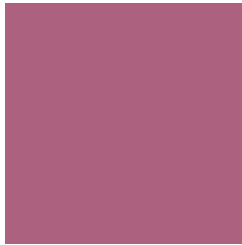
150, 0, 60



23, 0, 9

Previews

White Background



This preview shows how the RYB color 172, 97, 127 looks on a white background.

Color Contrast Check

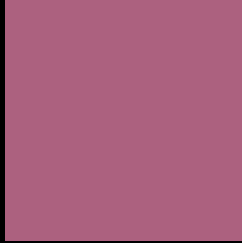
Large Text (above 18pt) WCAG AA ✓ Pass

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 172, 97, 127 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

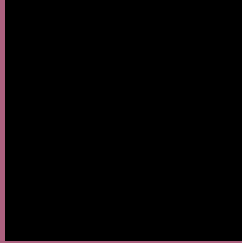
Any Text WCAG AA ✓ Pass

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](#).

R Y B 172, 97, 127 Background



This preview shows how black text looks on a background with the R Y B color 172, 97, 127.



This preview shows how white text looks on a background with the R Y B color 172, 97, 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
172, 97, 127

Protanopia
117, 120, 141

Deuteranopia
131, 117, 124



Tritanopia
170, 101, 108

Trichromacy



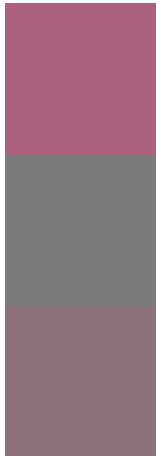
Original Color
172, 97, 127

Protanomaly
137, 112, 136

Deuteranomaly
146, 110, 125

Tritanomaly
171, 100, 115

Monochromacy



Original Color
172, 97, 127

Achromatopsia
123, 123, 123

Achromatomaly
141, 114, 124

CSS Examples

Text

The CSS property to change the color of the text to RYB 172, 97, 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(172, 97, 127)` looks like.

```
.text, #text, p{  
    color:rgb(172, 97, 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(172, 97, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 97, 127) }
```

Border

The CSS property to change the border of an element to RYB 172, 97, 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(172, 97, 127) }
```

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

```
.border{ border-color:rgb(172, 97, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 97, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(172, 97, 127); -webkit-box-shadow:4px 4px 4px 4px rgb(172, 97, 127); box-shadow:4px 4px 4px 4px rgb(172, 97, 127) }
```

Background

The CSS property to change the background color of an element to RYB 172, 97, 127 is called "background".

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

```
.background, #background, body{  
background: rgb(172, 97, 127) }
```

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

```
.background{ background-color: rgb(172, 97,  
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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