

Converting Colors

`RYB(125, 172, 127)`

Have a look what the booklet for
RYB(125, 172, 127) contains.

RYB(125, 172, 127)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

`RYB(125, 172, 127)`

Conversions

Conversions Part 1

Format	Color
Hex	AAAC7D
RGB	170, 172, 125
RGB Percent	67%, 67%, 49%
CMY	0.3333, 0.3255, 0.5098
CMYK	0.01, 0.00, 0.27, 0.33
HSL	63°, 22%, 58%
HSV	63°, 27%, 67%
XYZ	35.0318, 39.5318, 25.1861
YIQ	166.0440, 13.8950, -15.0410

Conversions

Conversions Part 2

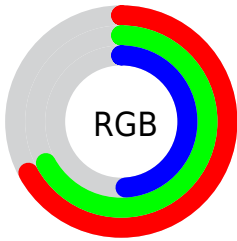
Format	Color
RYB	125, 172, 127
Decimal	11185277
CIELab	69.13, -8.47, 24.01
CIElCh	69, 25.463, 109.428
Yxy	39.5318, 0.3512, 0.3963
Android (android.graphics.Color)	4289375357 (0xFFAAAC7D)
YUV	166.0440, -20.2347, 3.4694
Hunter-Lab	62.8743, -10.5749, 20.2617

Details

The RYB color **125, 172, 127** is a light color, and the websafe version is hex **999966**. A complement of this color would be **127, 125, 172**, and the grayscale version is **166, 166, 166**.

A 20% lighter version of the original color is **178, 227, 179**, and **76, 120, 79** is the 20% darker color. If you saturate the color by 10%, you get **108, 172, 111**, and if you desaturate by 10%, it is **142, 172, 143**.

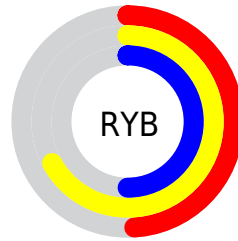
Distribution



Red (67%)

Green (67%)

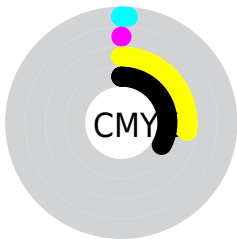
Blue (49%)



Red (49%)

Yellow (67%)

Blue (50%)

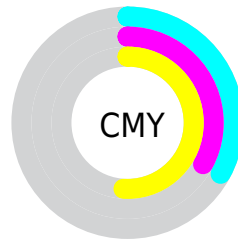


Cyan (1%)

Magenta (0%)

Yellow (27%)

Black (33%)



Cyan (33%)

Magenta (33%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the RYB color 125, 172, 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 125, 172, 127 by changing the saturation by 10% instead.

 125, 172, 127


255, 255, 255

 178, 227, 179

 206, 255, 206

 234, 255, 234

 125, 172, 127

 100, 145, 102

 76, 120, 79

 52, 95, 55

 30, 72, 34

 7, 49, 11


 0, 28, 5

 0, 0, 0

 125, 172, 127

 108, 172, 111

 125, 172, 127

 142, 172, 143

■ 91, 172, 94

■ 159, 172, 160

■ 73, 172, 77

■ 172, 172, 177

■ 56, 172, 61

■ 173, 172, 194

■ 39, 172, 45

■ 174, 172, 211

■ 22, 172, 28

■ 174, 172, 228

■ 5, 172, 12

■ 175, 172, 245

■ 0, 172, 7

■ 176, 172, 255

■ 177, 172, 255

Harmonies

Analogous

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



174, 193, 124



125, 172, 127



138, 178, 172

Triad

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



125, 172, 127



105, 147, 203



209, 153, 178

Complementary

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



125, 172, 127



127, 125, 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.



190, 158, 199



125, 172, 127



129, 158, 214

Square

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



125, 172, 127



102, 142, 183



161, 166, 212



216, 152, 154

Rectangle

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



125, 172, 127



126, 162, 180



161, 166, 212



204, 154, 185

Sweetspot

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



125, 172, 127



206, 224, 206



172, 127, 125



101, 112, 101



240, 240, 240



112, 112, 112

Same Dimension

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



125, 172, 127



150, 224, 153



125, 172, 150



78, 87, 79



0, 150, 6



0, 23, 1

Inverse Universe

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



127, 125, 172



153, 150, 224



150, 125, 172



78, 78, 87



6, 0, 150



1, 0, 23

Previews

White Background



This preview shows how the RYB color 125, 172, 127 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 125, 172, 127 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

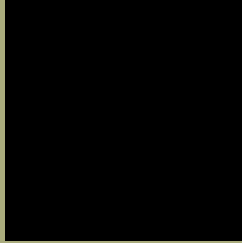
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

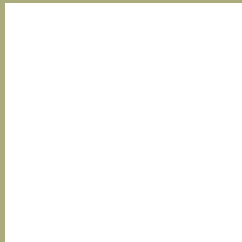
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 125, 172, 127 Background



This preview shows how black text looks on a background with the RYB color 125, 172, 127.



This preview shows how white text looks on a background with the RYB color 125, 172, 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





Tritanopia

177, 165, 178

Trichromacy



Original Color
125, 172, 127

Protanomaly
133, 177, 124

Deuteranomaly
160, 188, 126

Tritanomaly
169, 174, 159

Monochromacy



Original Color
125, 172, 127

Achromatopsia
166, 166, 166

Achromatomaly
151, 168, 152

CSS Examples

Text

The CSS property to change the color of the text to RGB 125, 172, 170 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(170, 172, 125) looks like.

```
.text, #text, p{  
    color:rgb(170, 172, 125)  
}
```

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(170, 172, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 172, 125) }
```

Border

The CSS property to change the border of an element to RYB 125, 172, 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(170, 172, 125) }
```

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

```
.border{ border-color:rgb(170, 172, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 172, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 172, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 172, 125);  
box-shadow:4px 4px 4px 4px rgb(170, 172,  
125) }
```

Background

The CSS property to change the background color of an element to RYB 125, 172, 127 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 172, 125) }
```

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

```
.background{ background-color: rgb(170,  
172, 125) }
```

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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