

Converting Colors

`RYB(125, 125, 173)`

Have a look what the booklet for
RYB(125, 125, 173) contains.

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Color

R_YB(125, 125, 173)

Conversions

Conversions Part 1

Format	Color
Hex	7D7DAD
RGB	125, 125, 173
RGB Percent	49%, 49%, 68%
CMY	0.5098, 0.5098, 0.3216
CMYK	0.28, 0.28, 0.00, 0.32
HSL	240°, 23%, 58%
HSV	240°, 28%, 68%
XYZ	23.3339, 22.0443, 42.5603
YIQ	130.4720, -15.4080, 14.9280

Conversions

Conversions Part 2

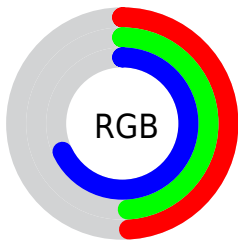
Format	Color
RYB	125, 125, 173
Decimal	8224173
CIELab	54.07, 11.04, -25.42
CIELCh	54, 27.708, 293.470
Yxy	22.0443, 0.2653, 0.2507
Android (android.graphics.Color)	4286414253 (0xFF7D7DAD)
YUV	130.4720, 20.9663, -4.7989
Hunter-Lab	46.9514, 6.5459, -20.8790

Details

The RYB color `125, 125, 173` is a dark color, and the websafe version is hex `666699`. A complement of this color would be `125, 173, 125`, and the grayscale version is `130, 130, 130`.

A 20% lighter version of the original color is `179, 178, 229`, and `74, 76, 120` is the 20% darker color. If you saturate the color by 10%, you get `108, 108, 173`, and if you desaturate by 10%, it is `142, 142, 173`.

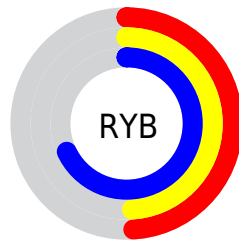
Distribution



Red (49%)

Green (49%)

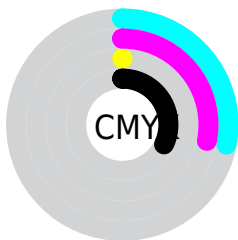
Blue (68%)



Red (49%)

Yellow (49%)

Blue (68%)

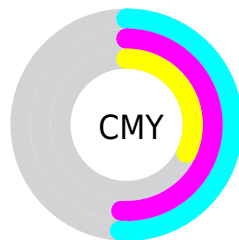


Cyan (28%)

Magenta (28%)

Yellow (0%)

Black (32%)



Cyan (51%)

Magenta (51%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the RYB color 125, 125, 173 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, 125, 173 by changing the saturation by 10% instead.

■ 125, 125, 173

255, 255, 255

■ 179, 178, 229

■ 206, 205, 255

■ 235, 233, 255

■ 125, 125, 173

■ 99, 100, 146

■ 74, 76, 120

■ 50, 54, 95

■ 26, 31, 72

■ 3, 9, 49

■ 0, 1, 27

■ 0, 0, 0

■ 125, 125, 173

■ 108, 108, 173

■ 125, 125, 173

■ 142, 142, 173

■ 90, 90, 173

■ 160, 160, 173

■ 73, 73, 173

■ 173, 177, 173

■ 56, 56, 173

■ 173, 194, 173

■ 38, 38, 173

■ 173, 211, 173

■ 21, 21, 173

■ 173, 229, 173

■ 4, 4, 173

■ 173, 246, 173

■ 0, 0, 173

■ 173, 255, 173

Harmonies

Analogous

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



88, 118, 176



125, 125, 173



155, 117, 158

Triad

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



125, 125, 173



168, 132, 92



69, 111, 142

Complementary

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



125, 125, 173



125, 173, 125

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.



99, 138, 139



125, 125, 173



119, 150, 82

Square

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



125, 125, 173



176, 112, 111



85, 134, 93



46, 95, 147

Rectangle

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



125, 125, 173



168, 113, 143



85, 134, 93



79, 118, 141

Sweetspot

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



125, 125, 173



206, 206, 224



125, 149, 173



101, 101, 112



240, 240, 240



112, 112, 112

Same Dimension

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



125, 125, 173



150, 150, 224



149, 125, 173



78, 78, 87



0, 0, 150



0, 0, 23

Inverse Universe

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



173, 125, 173



224, 150, 224



125, 173, 149



87, 78, 87



150, 0, 150



23, 0, 23

Previews

White Background



This preview shows how the RYB color 125, 125, 173 looks on a white background.

Color Contrast Check

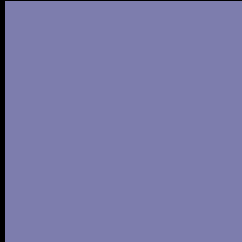
Large Text (above 18pt) WCAG AA ✓ Pass

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 125, 125, 173 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

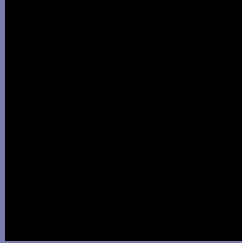
Any Text WCAG AA ✓ Pass

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 125, 125, 173 Background



This preview shows how black text looks on a background with the RYB color 125, 125, 173.



This preview shows how white text looks on a background with the RYB color 125, 125, 173.

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

125, 125, 173

Protanopia

116, 126, 175

Deuteranopia

118, 126, 173



Tritanopia
119, 127, 141

Trichromacy



Original Color
125, 125, 173

Protanomaly
119, 126, 174

Deuteranomaly
121, 126, 173

Tritanomaly
121, 127, 153

Monochromacy



Original Color
125, 125, 173

Achromatopsia
130, 130, 130

Achromatomaly
128, 128, 146

CSS Examples

Text

The CSS property to change the color of the text to RYB 125, 125, 173 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(125, 125, 173)` looks like.

```
.text, #text, p{  
    color:rgb(125, 125, 173)  
}
```

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(125, 125, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 125, 173) }
```

Border

The CSS property to change the border of an element to RYB 125, 125, 173 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(125, 125, 173) }
```

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

```
.border{ border-color:rgb(125, 125, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 125, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 125, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 125, 173);  
box-shadow:4px 4px 4px 4px rgb(125, 125,  
173) }
```

Background

The CSS property to change the background color of an element to RYB 125, 125, 173 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 125, 173) }
```

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

```
.background{ background-color: rgb(125,  
125, 173) }
```

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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