

Converting Colors

`RYB(125, 85, 122)`

Have a look what the booklet for
RYB(125, 85, 122) contains.

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Color

R_YB(125, 85, 122)

Conversions

Conversions Part 1

Format	Color
Hex	7D557A
RGB	125, 85, 122
RGB Percent	49%, 33%, 48%
CMY	0.5098, 0.6667, 0.5216
CMYK	0.00, 0.32, 0.02, 0.51
HSL	304°, 19%, 41%
HSV	304°, 32%, 49%
XYZ	15.2188, 12.2621, 19.9771
YIQ	101.1780, 11.9630, 19.9870

Conversions

Conversions Part 2

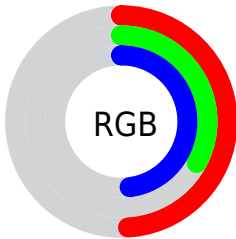
Format	Color
R_{YB}	125, 85, 122
Decimal	8213882
CIE _{Lab}	41.63, 23.10, -14.28
CIE _{LCh}	42, 27.164, 328.274
Yxy	12.2621, 0.3207, 0.2584
Android (android.graphics.Color)	4286403962 (0xFF7D557A)
YUV	101.1780, 10.2652, 20.8919
Hunter-Lab	35.0173, 16.2972, -9.3123

Details

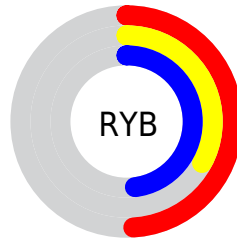
The RYB color **125, 85, 122** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **85, 122, 125**, and the grayscale version is **101, 101, 101**.

A 20% lighter version of the original color is **178, 135, 174**, and **75, 39, 73** is the 20% darker color. If you saturate the color by 10%, you get **125, 73, 121**, and if you desaturate by 10%, it is **125, 98, 123**.

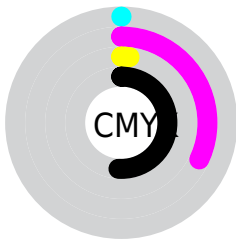
Distribution



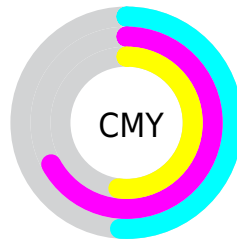
- Red (49%)
- Green (33%)
- Blue (48%)



- Red (49%)
- Yellow (33%)
- Blue (48%)



- Cyan (0%)
- Magenta (32%)
- Yellow (2%)
- Black (51%)



- Cyan (51%)
- Magenta (67%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the RYB color 125, 85, 122 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, 85, 122 by changing the saturation by 10% instead.



125, 85, 122



125, 85, 122

255, 255, 255



100, 61, 97



178, 135, 174



75, 39, 73



206, 162, 202



52, 17, 51



234, 189, 230



33, 0, 30



255, 217, 255



0, 0, 0



255, 245, 255



125, 85, 122



125, 85, 122



125, 73, 121



125, 98, 123



125, 60, 120



125, 110, 124

■ 125, 48, 119

■ 125, 122, 125

■ 125, 35, 118

■ 125, 134, 135

■ 125, 23, 117

■ 125, 145, 147

■ 125, 10, 116

■ 125, 157, 160

■ 125, 0, 116

■ 125, 168, 172

■ 125, 180, 185

■ 125, 193, 198

Harmonies

Analogous

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



99, 93, 137



125, 85, 122



139, 81, 100

Triad

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



125, 85, 122



79, 114, 53



0, 57, 119

Complementary

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



125, 85, 122



85, 122, 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.



31, 74, 110



125, 85, 122



58, 103, 70

Square

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



125, 85, 122



131, 108, 61



64, 100, 108



10, 65, 136

Rectangle

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



125, 85, 122



142, 81, 85



64, 100, 108



0, 55, 111

Sweetspot

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



125, 85, 122



163, 147, 162



88, 85, 125



82, 72, 81



209, 209, 209



82, 82, 82

Same Dimension

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



125, 85, 122



163, 101, 159



125, 85, 102



64, 57, 63



128, 0, 118



0, 0, 0

Inverse Universe

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



125, 85, 122



163, 101, 159



85, 110, 125



64, 57, 63



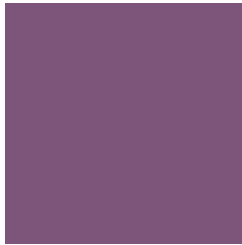
128, 0, 118



0, 0, 0

Previews

White Background



This preview shows how the RYB color 125, 85, 122 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 125, 85, 122 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

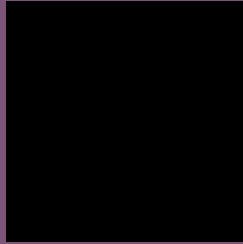
Any Text WCAG AA × Fail

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](#).

RYP 125, 85, 122 Background



This preview shows how black text looks on a background with the RYP color 125, 85, 122.



This preview shows how white text looks on a background with the RYP color 125, 85, 122.

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, 85, 122

Protanopia
89, 96, 131

Deuteranopia
97, 96, 120



Tritanopia
122, 90, 97

Trichromacy



Original Color
125, 85, 122

Protanomaly
102, 93, 128

Deuteranomaly
107, 92, 121

Tritanomaly
123, 88, 106

Monochromacy



Original Color
125, 85, 122

Achromatopsia
101, 101, 101

Achromatomaly
110, 95, 109

CSS Examples

Text

The CSS property to change the color of the text to RYB 125, 85, 122 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, 85, 122)` looks like.

```
.text, #text, p{  
    color:rgb(125, 85, 122)  
}
```

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, 85, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 85, 122) }
```

Border

The CSS property to change the border of an element to RYB 125, 85, 122 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, 85, 122) }
```

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

```
.border{ border-color:rgb(125, 85, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 85, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 85, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 85, 122);  
box-shadow:4px 4px 4px 4px rgb(125, 85,  
122) }
```

Background

The CSS property to change the background color of an element to RYB 125, 85, 122 is called "background".

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

```
.background, #background, body{  
background: rgb(125, 85, 122) }
```

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

```
.background{ background-color: rgb(125, 85,  
122) }
```

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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