

Converting Colors

`RYB(125, 91, 123)`

Have a look what the booklet for
RYB(125, 91, 123) contains.

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Color

`RYB(125, 91, 123)`

Conversions

Conversions Part 1

Format	Color
Hex	7D5B7B
RGB	125, 91, 123
RGB Percent	49%, 36%, 48%
CMY	0.5098, 0.6431, 0.5176
CMYK	0.00, 0.27, 0.02, 0.51
HSL	304°, 16%, 42%
HSV	304°, 27%, 49%
XYZ	15.7737, 13.2722, 20.4693
YIQ	104.8140, 9.9920, 17.1600

Conversions

Conversions Part 2

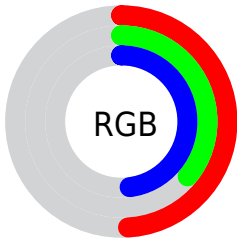
Format	Color
R_{YB}	125, 91, 123
Decimal	8215419
CIE _{Lab}	43.17, 19.72, -12.55
CIE _{LCh}	43, 23.380, 327.524
Yxy	13.2722, 0.3186, 0.2680
Android (android.graphics.Color)	4286405499 (0xFF7D5B7B)
YUV	104.8140, 8.9657, 17.7031
Hunter-Lab	36.4310, 13.5315, -7.8112

Details

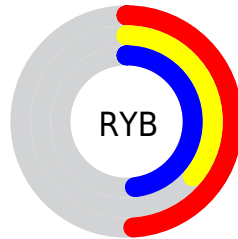
The RYB color **125, 91, 123** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **91, 123, 125**, and the grayscale version is **105, 105, 105**.

A 20% lighter version of the original color is **178, 142, 176**, and **75, 45, 74** is the 20% darker color. If you saturate the color by 10%, you get **125, 79, 122**, and if you desaturate by 10%, it is **125, 104, 124**.

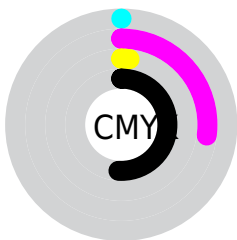
Distribution



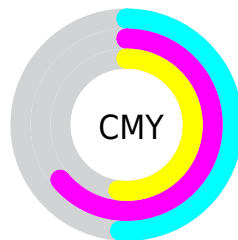
- Red (49%)
- Green (36%)
- Blue (48%)



- Red (49%)
- Yellow (36%)
- Blue (48%)



- Cyan (0%)
- Magenta (27%)
- Yellow (2%)
- Black (51%)



- Cyan (51%)
- Magenta (64%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the RYB color 125, 91, 123 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, 91, 123 by changing the saturation by 10% instead.



125, 91, 123



125, 91, 123

255, 255, 255



100, 67, 98



178, 142, 176



75, 45, 74



206, 168, 203



52, 23, 52



234, 195, 231



32, 0, 31



255, 223, 255



0, 0, 2



255, 252, 255



0, 0, 0



125, 91, 123



125, 91, 123



125, 79, 122



125, 104, 124



125, 66, 122



125, 116, 124

125, 54, 121

125, 129, 129

125, 41, 120

125, 140, 141

125, 29, 119

125, 152, 154

125, 16, 119

125, 164, 166

125, 4, 118

125, 176, 179

125, 0, 118

125, 187, 191

125, 199, 204

Harmonies

Analogous

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



102, 98, 136



125, 91, 123



138, 87, 104

Triad

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



125, 91, 123



88, 117, 63



33, 74, 119

Complementary

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



125, 91, 123



91, 123, 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.



50, 84, 112



125, 91, 123



67, 106, 76

Square

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



125, 91, 123



132, 109, 70



74, 104, 110



44, 82, 134

Rectangle

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



125, 91, 123



140, 88, 91



74, 104, 110



37, 75, 113

Sweetspot

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



125, 91, 123



163, 150, 162



93, 91, 125



82, 73, 81



209, 209, 209



82, 82, 82

Same Dimension

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



125, 91, 123



163, 109, 160



125, 91, 106



64, 57, 63



128, 0, 120



0, 0, 0

Inverse Universe

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



125, 91, 123



163, 109, 160



91, 113, 125



64, 57, 63



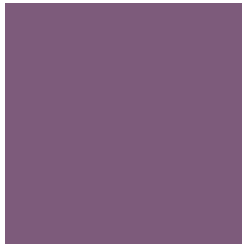
128, 0, 120



0, 0, 0

Previews

White Background



This preview shows how the RYB color 125, 91, 123 looks on a white background.

Color Contrast Check

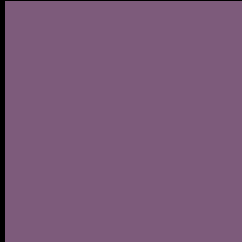
Large Text (above 18pt) WCAG AA ✓ Pass

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, 91, 123 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

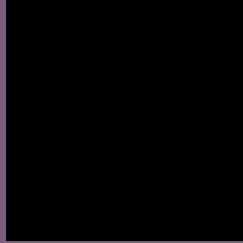
Any Text WCAG AA × Fail

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 125, 91, 123 Background



This preview shows how black text looks on a background with the RYB color 125, 91, 123.



This preview shows how white text looks on a background with the RYB color 125, 91, 123.

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, 91, 123

Protanopia

95, 100, 130

Deuteranopia

103, 100, 121



Tritanopia
122, 95, 102

Trichromacy



Original Color
125, 91, 123

Protanomaly
106, 97, 127

Deuteranomaly
111, 97, 122

Tritanomaly
123, 94, 110

Monochromacy



Original Color
125, 91, 123

Achromatopsia
105, 105, 105

Achromatomaly
112, 100, 112

CSS Examples

Text

The CSS property to change the color of the text to RYB 125, 91, 123 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, 91, 123) looks like.

```
.text, #text, p{  
    color:rgb(125, 91, 123)  
}
```

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, 91, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 91, 123) }
```

Border

The CSS property to change the border of an element to RYB 125, 91, 123 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, 91, 123) }
```

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

```
.border{ border-color:rgb(125, 91, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 91, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 91, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 91, 123);  
box-shadow:4px 4px 4px 4px rgb(125, 91,  
123) }
```

Background

The CSS property to change the background color of an element to RYB 125, 91, 123 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 91, 123) }
```

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

```
.background{ background-color: rgb(125, 91,  
123) }
```

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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