

Converting Colors

`RYB(125, 88, 113)`

Have a look what the booklet for
RYB(125, 88, 113) contains.

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Color

`RYB(125, 88, 113)`

Conversions

Conversions Part 1

Format	Color
Hex	7D5871
RGB	125, 88, 113
RGB Percent	49%, 35%, 44%
CMY	0.5098, 0.6549, 0.5569
CMYK	0.00, 0.30, 0.10, 0.51
HSL	319°, 17%, 42%
HSV	319°, 30%, 49%
XYZ	14.9278, 12.5317, 17.2549
YIQ	101.9130, 14.0270, 15.6190

Conversions

Conversions Part 2

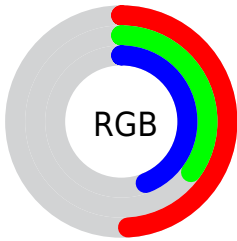
Format	Color
R_{YB}	125, 88, 113
Decimal	8214641
CIE Lab	42.05, 19.56, -8.15
CIE LCh	42, 21.185, 337.388
Yxy	12.5317, 0.3338, 0.2803
Android (android.graphics.Color)	4286404721 (0xFF7D5871)
YUV	101.9130, 5.4659, 20.2473
Hunter-Lab	35.4001, 13.3212, -4.1193

Details

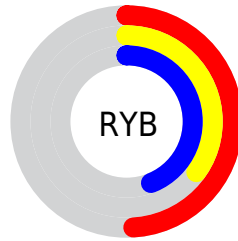
The RYB color **125, 88, 113** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **88, 116, 125**, and the grayscale version is **102, 102, 102**.

A 20% lighter version of the original color is **178, 138, 165**, and **75, 42, 65** is the 20% darker color. If you saturate the color by 10%, you get **125, 76, 109**, and if you desaturate by 10%, it is **125, 101, 117**.

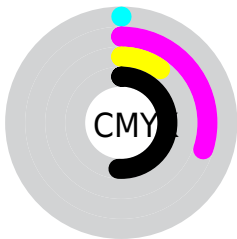
Distribution



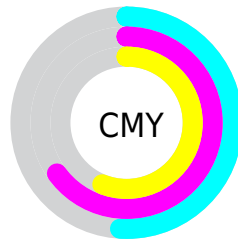
- Red (49%)
- Green (35%)
- Blue (44%)



- Red (49%)
- Yellow (35%)
- Blue (44%)



- Cyan (0%)
- Magenta (30%)
- Yellow (10%)
- Black (51%)



- Cyan (51%)
- Magenta (65%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the RYB color 125, 88, 113 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, 88, 113 by changing the saturation by 10% instead.

■ 125, 88, 113

255, 255, 255

■ 178, 138, 165

■ 206, 165, 192

■ 234, 192, 220

■ 255, 220, 248

■ 255, 249, 255

■ 125, 88, 113

■ 100, 64, 89

■ 75, 42, 65

■ 52, 20, 43

■ 33, 0, 23

■ 0, 0, 0

■ 125, 88, 113

■ 125, 76, 109

■ 125, 63, 105

■ 125, 88, 113

■ 125, 101, 117

■ 125, 113, 121

■ 125, 51, 101

■ 125, 126, 126

■ 125, 38, 97

■ 125, 135, 138

■ 125, 26, 93

■ 125, 144, 150

■ 125, 13, 89

■ 125, 154, 163

■ 125, 1, 85

■ 125, 164, 176

■ 125, 0, 84

■ 125, 173, 188

■ 125, 183, 201

Harmonies

Analogous

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



107, 93, 127



125, 88, 113



133, 86, 95

Triad

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



125, 88, 113



72, 107, 64



42, 78, 120

Complementary

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



125, 88, 113



88, 116, 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.



49, 81, 109



125, 88, 113



71, 104, 87

Square

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



125, 88, 113



123, 119, 67



68, 96, 108



57, 86, 131

Rectangle

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



125, 88, 113



134, 87, 84



68, 96, 108



42, 77, 115

Sweetspot

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



125, 88, 113



163, 149, 158



100, 88, 125



82, 73, 79



209, 209, 209



82, 82, 82

Same Dimension

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



125, 88, 113



163, 104, 144



125, 88, 95



64, 57, 62



128, 0, 86



0, 0, 0

Inverse Universe

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



125, 88, 113



163, 104, 144



88, 108, 125



64, 57, 62



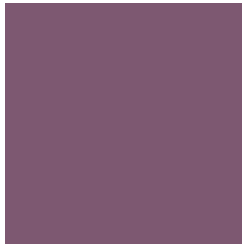
128, 0, 86



0, 0, 0

Previews

White Background



This preview shows how the RYB color 125, 88, 113 looks on a white background.

Color Contrast Check

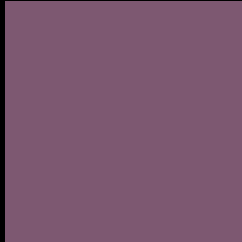
Large Text (above 18pt) WCAG AA ✓ Pass

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, 88, 113 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

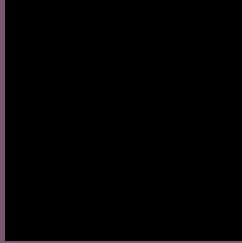
Any Text WCAG AA × Fail

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](#).

R Y B 125, 88, 113 Background



This preview shows how black text looks on a background with the R Y B color 125, 88, 113.



This preview shows how white text looks on a background with the R Y B color 125, 88, 113.

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, 88, 113

Protanopia

95, 98, 120

Deuteranopia

104, 97, 111



Tritanopia
123, 91, 98

Trichromacy



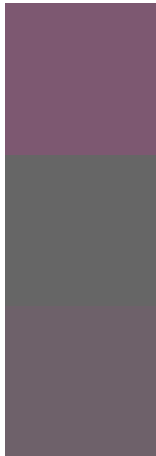
Original Color
125, 88, 113

Protanomaly
106, 95, 117

Deuteranomaly
112, 94, 112

Tritanomaly
124, 90, 103

Monochromacy



Original Color
125, 88, 113

Achromatopsia
102, 102, 102

Achromatomaly
110, 97, 106

CSS Examples

Text

The CSS property to change the color of the text to RYB 125, 88, 113 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, 88, 113)` looks like.

```
.text, #text, p{  
    color:rgb(125, 88, 113)  
}
```

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, 88, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 88, 113) }
```

Border

The CSS property to change the border of an element to RYB 125, 88, 113 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, 88, 113) }
```

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

```
.border{ border-color:rgb(125, 88, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 88, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 88, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 88, 113);  
box-shadow:4px 4px 4px 4px rgb(125, 88,  
113) }
```

Background

The CSS property to change the background color of an element to RGB 125, 88, 113 is called "background".

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

```
.background, #background, body{  
background: rgb(125, 88, 113) }
```

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

```
.background{ background-color: rgb(125, 88,  
113) }
```

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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