

Converting Colors

`RYB(128, 113, 148)`

Have a look what the booklet for
RYB(128, 113, 148) contains.

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Color

R_YB(128, 113, 148)

Conversions

Conversions Part 1

Format	Color
Hex	807194
RGB	128, 113, 148
RGB Percent	50%, 44%, 58%
CMY	0.4980, 0.5569, 0.4196
CMYK	0.14, 0.24, 0.00, 0.42
HSL	266°, 14%, 51%
HSV	266°, 24%, 58%
XYZ	20.1525, 18.5376, 30.5329
YIQ	121.4750, -2.2950, 14.0650

Conversions

Conversions Part 2

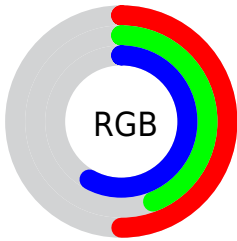
Format	Color
R_{YB}	128, 113, 148
Decimal	8417684
CIE _{Lab}	50.14, 13.06, -16.87
CIE _{LCh}	50, 21.332, 307.735
Yxy	18.5376, 0.2911, 0.2678
Android (android.graphics.Color)	4286607764 (0xFF807194)
YUV	121.4750, 13.0768, 5.7224
Hunter-Lab	43.0553, 8.2022, -11.9072

Details

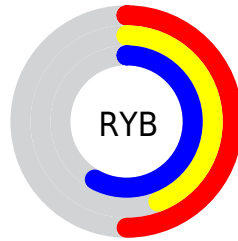
The RYB color **128, 113, 148** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **113, 148, 128**, and the grayscale version is **121, 121, 121**.

A 20% lighter version of the original color is **181, 165, 202**, and **78, 65, 97** is the 20% darker color. If you saturate the color by 10%, you get **120, 98, 148**, and if you desaturate by 10%, it is **136, 128, 148**.

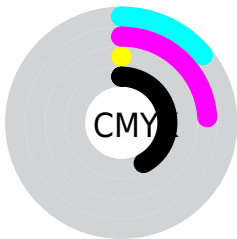
Distribution



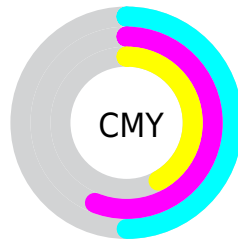
- Red (50%)
- Green (44%)
- Blue (58%)



- Red (50%)
- Yellow (44%)
- Blue (58%)



- Cyan (14%)
- Magenta (24%)
- Yellow (0%)
- Black (42%)



- Cyan (50%)
- Magenta (56%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the RYB color 128, 113, 148 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 128, 113, 148 by changing the saturation by 10% instead.

■ 128, 113, 148

255, 255, 255

■ 181, 165, 202

■ 209, 192, 230

■ 237, 220, 255

■ 255, 248, 255

■ 128, 113, 148

■ 103, 88, 122

■ 78, 65, 97

■ 55, 43, 73

■ 33, 22, 51

■ 14, 0, 30

■ 0, 0, 0

■ 128, 113, 148

■ 120, 98, 148

■ 111, 83, 148

■ 128, 113, 148

■ 136, 128, 148

■ 145, 143, 148

103, 69, 148

148, 157, 152

94, 54, 148

148, 172, 158

86, 39, 148

148, 187, 165

77, 24, 148

148, 202, 171

69, 9, 148

148, 217, 178

63, 0, 148

148, 231, 183

148, 246, 190

Harmonies

Analogous

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



103, 115, 155



128, 113, 148



146, 108, 133

Triad

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



128, 113, 148



144, 140, 86



69, 100, 129

Complementary

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



128, 113, 148



113, 148, 128

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.



87, 115, 128



128, 113, 148



93, 128, 83

Square

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



128, 113, 148



154, 110, 98



90, 125, 107



64, 99, 141

Rectangle

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



128, 113, 148



154, 106, 121



90, 125, 107



74, 105, 129

Sweetspot

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



128, 113, 148



184, 178, 191



113, 126, 148



92, 89, 97



224, 224, 224



97, 97, 97

Same Dimension

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



128, 113, 148



161, 138, 191



145, 113, 148



70, 67, 74



59, 0, 138



4, 0, 10

Inverse Universe

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



148, 113, 133



191, 138, 168



113, 148, 145



74, 67, 71



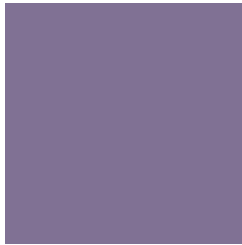
138, 0, 79



10, 0, 6

Previews

White Background



This preview shows how the RYB color 128, 113, 148 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 128, 113, 148 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](#).

RYP 128, 113, 148 Background



This preview shows how black text looks on a background with the RYB color 128, 113, 148.



This preview shows how white text looks on a background with the RYB color 128, 113, 148.

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

[128](#), [113](#), [148](#)

Protanopia

[111](#), [117](#), [152](#)

Deuteranopia

[117](#), [117](#), [147](#)



Tritanopia
124, 117, 126

Trichromacy



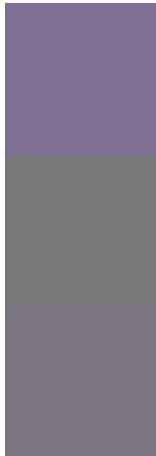
Original Color
128, 113, 148

Protanomaly
117, 116, 151

Deuteranomaly
121, 116, 147

Tritanomaly
125, 116, 134

Monochromacy



Original Color
128, 113, 148

Achromatopsia
121, 121, 121

Achromatomaly
124, 118, 131

CSS Examples

Text

The CSS property to change the color of the text to RYB 128, 113, 148 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(128, 113, 148)` looks like.

```
.text, #text, p{  
    color:rgb(128, 113, 148)  
}
```

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(128, 113, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 113, 148) }
```

Border

The CSS property to change the border of an element to RYB 128, 113, 148 is called "border". The border property can be set on classes, ids or directly on the HTML element.

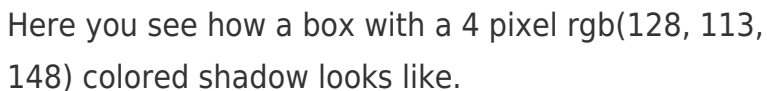
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(128, 113, 148) }
```

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

```
.border{ border-color:rgb(128, 113, 148) }
```

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



Here you see how a box with a 4 pixel `rgb(128, 113, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(128, 113, 148); -webkit-box-shadow:4px 4px 4px 4px rgb(128, 113, 148); box-shadow:4px 4px 4px 4px rgb(128, 113, 148) }
```

Background

The CSS property to change the background color of an element to RYB 128, 113, 148 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 113, 148) }
```

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

```
.background{ background-color: rgb(128,  
113, 148) }
```

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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