

Converting Colors

`RYB(128, 91, 114)`

Have a look what the booklet for
RYB(128, 91, 114) contains.

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Color

`RYB(128, 91, 114)`

Conversions

Conversions Part 1

Format	Color
Hex	805B72
RGB	128, 91, 114
RGB Percent	50%, 36%, 45%
CMY	0.4980, 0.6431, 0.5529
CMYK	0.00, 0.29, 0.11, 0.50
HSL	323°, 17%, 43%
HSV	323°, 29%, 50%
XYZ	15.6804, 13.2863, 17.6576
YIQ	104.6850, 14.6690, 14.9970

Conversions

Conversions Part 2

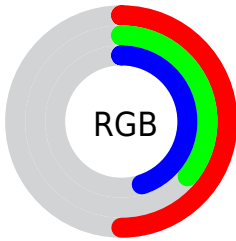
Format	Color
RYB	128, 91, 114
Decimal	8412018
CIELab	43.19, 19.09, -7.01
CIElCh	43, 20.338, 339.834
Yxy	13.2863, 0.3363, 0.2850
Android (android.graphics.Color)	4286602098 (0xFF805B72)
YUV	104.6850, 4.5923, 20.4473
Hunter-Lab	36.4503, 13.0002, -3.2066

Details

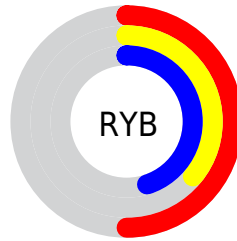
The RYB color **128, 91, 114** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **91, 118, 128**, and the grayscale version is **105, 105, 105**.

A 20% lighter version of the original color is **181, 142, 166**, and **78, 45, 66** is the 20% darker color. If you saturate the color by 10%, you get **128, 78, 109**, and if you desaturate by 10%, it is **128, 104, 119**.

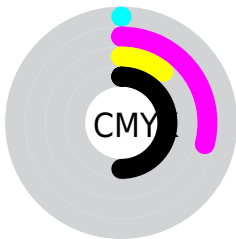
Distribution



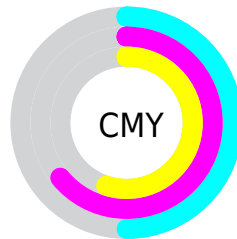
- Red (50%)
- Green (36%)
- Blue (45%)



- Red (50%)
- Yellow (36%)
- Blue (45%)



- Cyan (0%)
- Magenta (29%)
- Yellow (11%)
- Black (50%)



- Cyan (50%)
- Magenta (64%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the RYB color 128, 91, 114 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, 91, 114 by changing the saturation by 10% instead.



128, 91, 114



128, 91, 114

255, 255, 255



103, 67, 89



181, 142, 166



78, 45, 66



209, 168, 193



55, 23, 44



238, 195, 221



34, 0, 24



255, 223, 249



0, 0, 0



255, 252, 255



128, 91, 114



128, 91, 114



128, 78, 109



128, 104, 119



128, 65, 104



128, 117, 124

■ 128, 53, 99

■ 128, 129, 129

■ 128, 40, 95

■ 128, 138, 142

■ 128, 27, 90

■ 128, 148, 155

■ 128, 14, 85

■ 128, 157, 168

■ 128, 1, 80

■ 128, 166, 181

■ 128, 0, 80

■ 128, 175, 193

■ 128, 184, 206

Harmonies

Analogous

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



111, 96, 128



128, 91, 114



135, 90, 97

Triad

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



128, 91, 114



75, 108, 69



49, 82, 123

Complementary

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



128, 91, 114



91, 118, 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.



53, 83, 111



128, 91, 114



76, 107, 93

Square

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



128, 91, 114



124, 122, 71



70, 97, 110



64, 90, 133

Rectangle

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



128, 91, 114



135, 92, 86



70, 97, 110



48, 81, 118

Sweetspot

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



128, 91, 114



166, 151, 160



105, 91, 128



84, 75, 81



212, 212, 212



84, 84, 84

Same Dimension

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



128, 91, 114



166, 108, 144



128, 91, 96



64, 57, 61



128, 0, 79



0, 0, 0

Inverse Universe

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



128, 91, 114



166, 108, 144



91, 111, 128



64, 57, 61



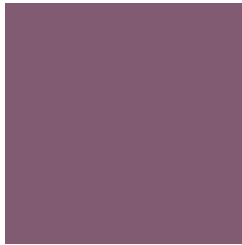
128, 0, 79



0, 0, 0

Previews

White Background



This preview shows how the RYB color 128, 91, 114 looks on a white background.

Color Contrast Check

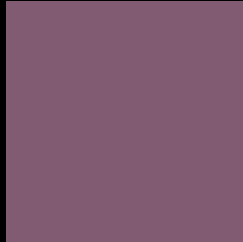
Large Text (above 18pt) WCAG AA ✓ Pass

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 128, 91, 114 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

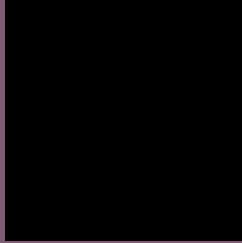
Any Text WCAG AA × Fail

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 128, 91, 114 Background



This preview shows how black text looks on a background with the RYP color 128, 91, 114.



This preview shows how white text looks on a background with the RYP color 128, 91, 114.

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, 91, 114

Protanopia

98, 101, 121

Deuteranopia

108, 99, 112



Tritanopia
126, 93, 101

Trichromacy



Original Color

128, 91, 114

Protanomaly

109, 97, 118

Deuteranomaly

115, 96, 113

Tritanomaly

127, 92, 106

Monochromacy



Original Color

128, 91, 114

Achromatopsia

105, 105, 105

Achromatomaly

113, 100, 108

CSS Examples

Text

The CSS property to change the color of the text to RYB 128, 91, 114 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, 91, 114) looks like.

```
.text, #text, p{  
    color:rgb(128, 91, 114)  
}
```

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, 91, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 91, 114) }
```

Border

The CSS property to change the border of an element to RYB 128, 91, 114 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, 91, 114) }
```

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

```
.border{ border-color:rgb(128, 91, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 91, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 91, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 91, 114);  
box-shadow:4px 4px 4px 4px rgb(128, 91,  
114) }
```

Background

The CSS property to change the background color of an element to RGB 128, 91, 114 is called "background".

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

```
.background, #background, body{  
background: rgb(128, 91, 114) }
```

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

```
.background{ background-color: rgb(128, 91,  
114) }
```

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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