

Converting Colors

`RYB(130, 90, 114)`

Have a look what the booklet for
RYB(130, 90, 114) contains.

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Color

R_YB(130, 90, 114)

Conversions

Conversions Part 1

Format	Color
Hex	825A72
RGB	130, 90, 114
RGB Percent	51%, 35%, 45%
CMY	0.4902, 0.6471, 0.5529
CMYK	0.00, 0.31, 0.12, 0.49
HSL	324°, 18%, 43%
HSV	324°, 31%, 51%
XYZ	15.8993, 13.2731, 17.6436
YIQ	104.6960, 16.1360, 15.9440

Conversions

Conversions Part 2

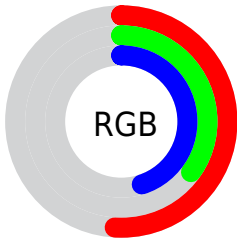
Format	Color
R_{YB}	130, 90, 114
Decimal	8542834
CIE Lab	43.17, 20.45, -7.02
CIE LCh	43, 21.616, 341.060
Yxy	13.2731, 0.3396, 0.2835
Android (android.graphics.Color)	4286732914 (0xFF825A72)
YUV	104.6960, 4.5869, 22.1916
Hunter-Lab	36.4322, 14.1427, -3.2107

Details

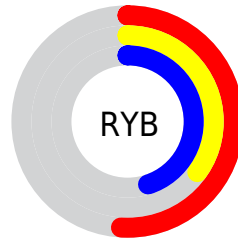
The RYB color **130, 90, 114** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **90, 119, 130**, and the grayscale version is **105, 105, 105**.

A 20% lighter version of the original color is **184, 141, 166**, and **80, 43, 66** is the 20% darker color. If you saturate the color by 10%, you get **130, 77, 109**, and if you desaturate by 10%, it is **130, 103, 119**.

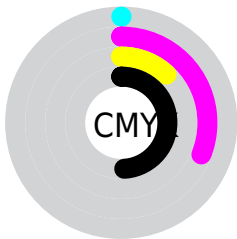
Distribution



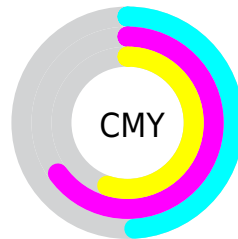
- Red (51%)
- Green (35%)
- Blue (45%)



- Red (51%)
- Yellow (35%)
- Blue (45%)



- Cyan (0%)
- Magenta (31%)
- Yellow (12%)
- Black (49%)





- Cyan (49%)
- Magenta (65%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the RYB color 130, 90, 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 130, 90, 114 by changing the saturation by 10% instead.

 130, 90, 114


 130, 90, 114

255, 255, 255


 104, 66, 89

 184, 141, 166

 80, 43, 66

 211, 167, 193

 56, 22, 44

 240, 194, 221

 36, 0, 24

 255, 222, 249


 0, 0, 0

 255, 251, 255


 130, 90, 114

 130, 90, 114

 130, 77, 109

 130, 103, 119

 130, 64, 104

 130, 116, 124

■ 130, 51, 98

■ 130, 129, 130

■ 130, 38, 93

■ 130, 138, 142

■ 130, 25, 88

■ 130, 148, 155

■ 130, 12, 83

■ 130, 157, 168

■ 130, 0, 78

■ 130, 167, 181

■ 130, 176, 194

■ 130, 185, 207

Harmonies

Analogous

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



113, 95, 129



130, 90, 114



137, 89, 96

Triad

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



130, 90, 114



73, 108, 67



44, 81, 125

Complementary

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



130, 90, 114



90, 119, 130

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.



48, 81, 112



130, 90, 114



75, 108, 95

Square

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



130, 90, 114



120, 124, 68



67, 96, 111



61, 89, 135

Rectangle

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



130, 90, 114



137, 91, 84



67, 96, 111



43, 79, 120

Sweetspot

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



130, 90, 114



168, 153, 162



106, 90, 130



84, 75, 80



212, 212, 212



84, 84, 84

Same Dimension

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



130, 90, 114



168, 106, 143



130, 90, 94



64, 57, 61



128, 0, 76



0, 0, 0

Inverse Universe

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



130, 90, 114



168, 106, 143



90, 111, 130



64, 57, 61



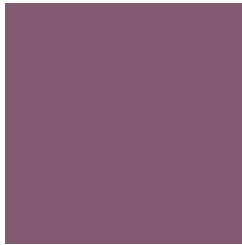
128, 0, 77



0, 0, 0

Previews

White Background



This preview shows how the RYB color 130, 90, 114 looks on a white background.

Color Contrast Check

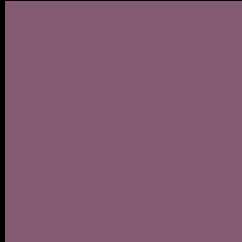
Large Text (above 18pt) WCAG AA ✓ Pass

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 130, 90, 114 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

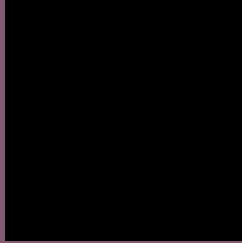
Any Text WCAG AA × Fail

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 130, 90, 114 Background



This preview shows how black text looks on a background with the RYP color 130, 90, 114.



This preview shows how white text looks on a background with the RYP color 130, 90, 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

130, 90, 114

Protanopia

98, 101, 121

Deuteranopia

108, 99, 112



Tritanopia
128, 93, 100

Trichromacy



Original Color

130, 90, 114

Protanomaly

110, 97, 118

Deuteranomaly

116, 96, 113

Tritanomaly

129, 92, 105

Monochromacy



Original Color

130, 90, 114

Achromatopsia

105, 105, 105

Achromatomaly

114, 100, 108

CSS Examples

Text

The CSS property to change the color of the text to RYB 130, 90, 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(130, 90, 114) looks like.

```
.text, #text, p{  
    color:rgb(130, 90, 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(130, 90, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 90, 114) }
```

Border

The CSS property to change the border of an element to RYB 130, 90, 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(130, 90, 114) }
```

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

```
.border{ border-color:rgb(130, 90, 114) }
```

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

Here you see how a box with a 4 pixel rgb(130, 90, 114) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 90, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 90, 114);  
box-shadow:4px 4px 4px 4px rgb(130, 90,  
114) }
```

Background

The CSS property to change the background color of an element to RGB 130, 90, 114 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 90, 114) }
```

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

```
.background{ background-color: rgb(130, 90,  
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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