

Converting Colors

`RYB(130, 114, 150)`

Have a look what the booklet for
RYB(130, 114, 150) contains.

RYB(130, 114, 150)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(130, 114, 150)

Conversions

Conversions Part 1

Format	Color
Hex	827296
RGB	130, 114, 150
RGB Percent	51%, 45%, 59%
CMY	0.4902, 0.5529, 0.4118
CMYK	0.13, 0.24, 0.00, 0.41
HSL	267°, 15%, 52%
HSV	267°, 24%, 59%
XYZ	20.7283, 18.9825, 31.4256
YIQ	122.8880, -2.0200, 14.5880

Conversions

Conversions Part 2

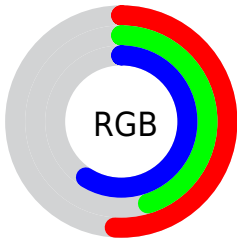
Format	Color
R_{YB}	130, 114, 150
Decimal	8549014
CIE Lab	50.67, 13.61, -17.23
CIE LCh	51, 21.953, 308.298
Yxy	18.9825, 0.2914, 0.2668
Android (android.graphics.Color)	4286739094 (0xFF827296)
YUV	122.8880, 13.3662, 6.2372
Hunter-Lab	43.5689, 8.6774, -12.2669

Details

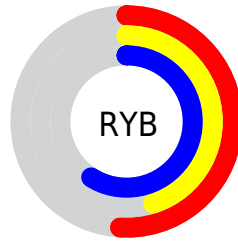
The RYB color **130, 114, 150** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **114, 150, 130**, and the grayscale version is **123, 123, 123**.

A 20% lighter version of the original color is **183, 166, 204**, and **80, 66, 99** is the 20% darker color. If you saturate the color by 10%, you get **122, 99, 150**, and if you desaturate by 10%, it is **138, 129, 150**.

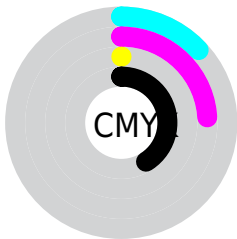
Distribution



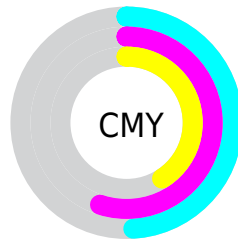
- Red (51%)
- Green (45%)
- Blue (59%)



- Red (51%)
- Yellow (45%)
- Blue (59%)



- Cyan (13%)
- Magenta (24%)
- Yellow (0%)
- Black (41%)




- Cyan (49%)
- Magenta (55%)
- Yellow (41%)


Brightness & Saturation Gradients


These gradients show how the RYB color 130, 114, 150 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, 114, 150 by changing the saturation by 10% instead.

 130, 114, 150


255, 255, 255

 183, 166, 204

 211, 193, 232

 239, 221, 255

 255, 250, 255

 130, 114, 150

 105, 89, 124

 80, 66, 99

 57, 44, 75

 35, 23, 52


 16, 0, 31

 0, 0, 3

 0, 0, 0

 130, 114, 150

 122, 99, 150

 130, 114, 150

 138, 129, 150

113, 84, 150

147, 144, 150

105, 69, 150

150, 159, 154

97, 54, 150

150, 174, 161

88, 39, 150

150, 189, 167

80, 24, 150

150, 204, 174

72, 9, 150

150, 219, 181

67, 0, 150

150, 234, 187

150, 249, 194

Harmonies

Analogous

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



104, 117, 157



130, 114, 150



149, 109, 135

Triad

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



130, 114, 150



146, 142, 86



68, 101, 131

Complementary

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



130, 114, 150



114, 150, 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.



87, 117, 130



130, 114, 150



93, 129, 83

Square

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



130, 114, 150



156, 112, 98



91, 126, 109



63, 99, 143

Rectangle

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



130, 114, 150



156, 107, 122



91, 126, 109



74, 106, 131

Sweetspot

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



130, 114, 150



186, 180, 194



114, 127, 150



93, 89, 97



224, 224, 224



97, 97, 97

Same Dimension

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



130, 114, 150



163, 138, 194



148, 114, 150



70, 67, 74



61, 0, 138



5, 0, 10

Inverse Universe

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



150, 114, 134



194, 138, 169



114, 150, 148



74, 67, 71



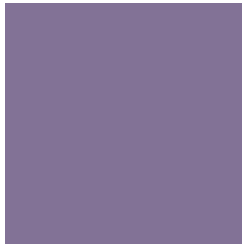
138, 0, 76



10, 0, 6

Previews

White Background



This preview shows how the RYB color 130, 114, 150 looks on a white background.

Color Contrast Check

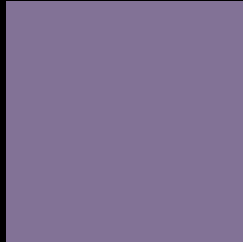
Large Text (above 18pt) WCAG AA ✓ Pass

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 130, 114, 150 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

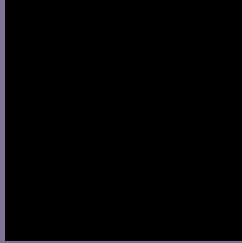
Any Text WCAG AA ✓ Pass

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](#).

RYB 130, 114, 150 Background



This preview shows how black text looks on a background with the RYB color 130, 114, 150.



This preview shows how white text looks on a background with the RYB color 130, 114, 150.

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](#), [114](#), [150](#)

Protanopia

[112](#), [118](#), [154](#)

Deuteranopia

[118](#), [118](#), [149](#)



Tritanopia
126, 118, 127

Trichromacy



Original Color

130, 114, 150

Protanomaly

119, 117, 153

Deuteranomaly

122, 117, 149

Tritanomaly

127, 117, 135

Monochromacy



Original Color

130, 114, 150

Achromatopsia

123, 123, 123

Achromatomaly

126, 120, 133

CSS Examples

Text

The CSS property to change the color of the text to RYB 130, 114, 150 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, 114, 150)` looks like.

```
.text, #text, p{  
    color:rgb(130, 114, 150)  
}
```

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, 114, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 114, 150) }
```

Border

The CSS property to change the border of an element to RYB 130, 114, 150 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, 114, 150) }
```

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

```
.border{ border-color:rgb(130, 114, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 114, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(130, 114, 150); -webkit-box-shadow:4px 4px 4px 4px rgb(130, 114, 150); box-shadow:4px 4px 4px 4px rgb(130, 114, 150) }
```

Background

The CSS property to change the background color of an element to RYB 130, 114, 150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 114, 150) }
```

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

```
.background{ background-color: rgb(130,  
114, 150) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor