

Converting Colors

`RYB(84, 112, 130)`

Have a look what the booklet for
RYB(84, 112, 130) contains.

RYB(84, 112, 130)	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(84, 112, 130)

Conversions

Conversions Part 1

Format	Color
Hex	548272
RGB	84, 130, 114
RGB Percent	33%, 51%, 45%
CMY	0.6706, 0.4902, 0.5546
CMYK	0.35, 0.00, 0.13, 0.49
HSL	159°, 21%, 42%
HSV	159°, 35%, 51%
XYZ	14.6517, 19.0552, 18.6978
YIQ	114.4220, -22.2800, -14.7280

Conversions

Conversions Part 2

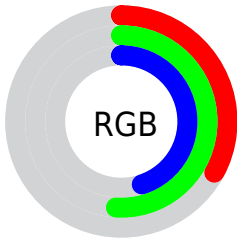
Format	Color
RYB	84, 112, 130
Decimal	5538418
CIELab	50.75, -19.63, 3.92
CIELCh	51, 20.018, 168.698
Yxy	19.0552, 0.2796, 0.3636
Android (android.graphics.Color)	4283728498 (0xFF548272)
YUV	114.4220, -0.2080, -26.6801
Hunter-Lab	43.6523, -16.4788, 5.1607

Details

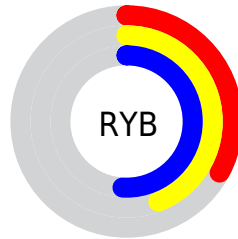
The RYB color **84, 112, 130** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **130, 84, 100**, and the grayscale version is **114, 114, 114**.

A 20% lighter version of the original color is **135, 164, 183**, and **35, 62, 80** is the 20% darker color. If you saturate the color by 10%, you get **71, 107, 130**, and if you desaturate by 10%, it is **97, 117, 130**.

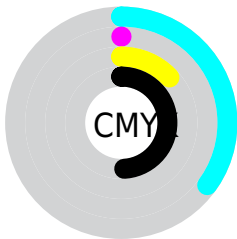
Distribution



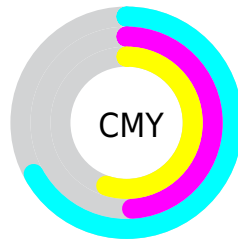
- Red (33%)
- Green (51%)
- Blue (45%)



- Red (33%)
- Yellow (44%)
- Blue (51%)



- Cyan (35%)
- Magenta (0%)
- Yellow (13%)
- Black (49%)



- Cyan (67%)
- Magenta (49%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the RYB color 84, 112, 130 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 84, 112, 130 by changing the saturation by 10% instead.

■ 84, 112, 130 ■ 84, 112, 130

255, 255, 255 ■ 59, 87, 105

■ 135, 165, 183 ■ 35, 62, 80

■ 162, 192, 211 ■ 9, 37, 57

■ 189, 220, 239 ■ 0, 21, 35

■ 218, 238, 255 ■ 0, 5, 5

■ 246, 251, 255 ■ 0, 0, 0

■ 84, 112, 130 ■ 84, 112, 130

■ 71, 107, 130 ■ 97, 117, 130

■ 58, 102, 130 ■ 110, 122, 130

■ 45, 97, 130

■ 123, 127, 130

■ 32, 92, 130

■ 136, 130, 132

■ 19, 87, 130

■ 149, 130, 137

■ 6, 81, 130

■ 162, 130, 141

■ 0, 79, 130

■ 175, 130, 146

■ 188, 130, 151

■ 201, 130, 155

Harmonies

Analogous

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



98, 127, 122



84, 112, 130



71, 101, 131

Triad

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



84, 112, 130



115, 119, 153



151, 119, 96

Complementary

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



84, 112, 130



130, 84, 100

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.



156, 109, 111



84, 112, 130



136, 113, 143

Square

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



84, 112, 130



91, 113, 154



151, 109, 128



124, 139, 88

Rectangle

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



84, 112, 130



71, 103, 142



151, 109, 128



154, 114, 100

Sweetspot

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



84, 112, 130



150, 161, 168



84, 130, 113



73, 80, 84



212, 212, 212



84, 84, 84

Same Dimension

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



84, 112, 130



98, 141, 168



84, 105, 130



57, 61, 64



0, 78, 128



0, 0, 0

Inverse Universe

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



130, 84, 100



168, 98, 123



130, 91, 84



64, 57, 60



128, 0, 46



0, 0, 0

Previews

White Background



This preview shows how the RYB color 84, 112, 130 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 84, 112, 130 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

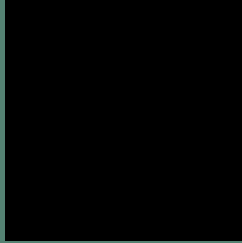
Any Text WCAG AA ✓ Pass

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 84, 112, 130 Background



This preview shows how black text looks on a background with the RYB color 84, 112, 130.

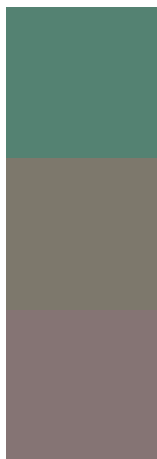


This preview shows how white text looks on a background with the RYB color 84, 112, 130.

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

84, 112, 130

Protanopia

115, 125, 108

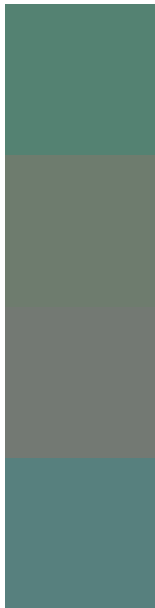
Deuteranopia

133, 116, 116



Tritanopia
89, 110, 137

Trichromacy



Original Color
84, 112, 130

Protanomaly
110, 124, 124

Deuteranomaly
115, 121, 121

Tritanomaly
87, 108, 128

Monochromacy



Original Color
84, 112, 130

Achromatopsia
114, 114, 114

Achromatomaly
103, 113, 120

CSS Examples

Text

The CSS property to change the color of the text to RYB 84, 112, 130 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(84, 130, 114)` looks like.

```
.text, #text, p{  
    color:rgb(84, 130, 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(84, 130, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 130, 114) }
```

Border

The CSS property to change the border of an element to RYB 84, 112, 130 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(84, 130, 114) }
```

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

```
.border{ border-color:rgb(84, 130, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 130, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(84, 130, 114); -webkit-box-shadow:4px 4px 4px 4px rgb(84, 130, 114); box-shadow:4px 4px 4px 4px rgb(84, 130, 114) }
```

Background

The CSS property to change the background color of an element to RYB 84, 112, 130 is called "background".

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

```
.background, #background, body{  
background: rgb(84, 130, 114) }
```

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

```
.background{ background-color: rgb(84, 130,  
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](#).

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