

Converting Colors

`RYB(107, 130, 150)`

Have a look what the booklet for
RYB(107, 130, 150) contains.

RYB(107, 130, 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(107, 130, 150)

Conversions

Conversions Part 1

Format	Color
Hex	6B9690
RGB	107, 150, 144
RGB Percent	42%, 59%, 56%
CMY	0.5804, 0.4118, 0.4338
CMYK	0.29, 0.00, 0.04, 0.41
HSL	172°, 17%, 50%
HSV	172°, 29%, 59%
XYZ	22.0338, 26.9641, 30.5859
YIQ	136.4590, -23.7020, -10.9820

Conversions

Conversions Part 2

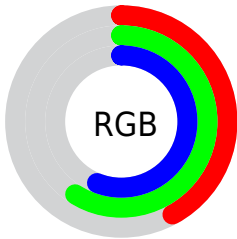
Format	Color
RYB	107, 130, 150
Decimal	7050896
CIELab	58.94, -15.87, -1.77
CIElCh	59, 15.969, 186.382
Yxy	26.9641, 0.2769, 0.3388
Android (android.graphics.Color)	4285240976 (0xFF6B9690)
YUV	136.4590, 3.7177, -25.8355
Hunter-Lab	51.9270, -15.1307, 1.4260

Details

The RYB color **107, 130, 150** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **150, 107, 113**, and the grayscale version is **136, 136, 136**.

A 20% lighter version of the original color is **160, 184, 204**, and **57, 79, 99** is the 20% darker color. If you saturate the color by 10%, you get **92, 123, 150**, and if you desaturate by 10%, it is **122, 137, 150**.

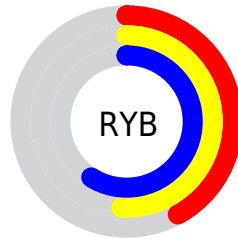
Distribution



Red (42%)

Green (59%)

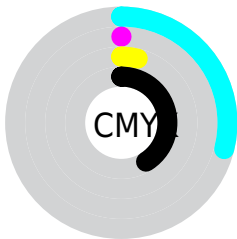
Blue (56%)



Red (42%)

Yellow (51%)

Blue (59%)

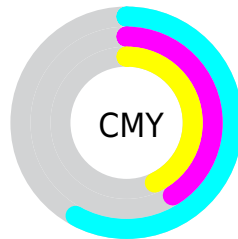


Cyan (29%)

Magenta (0%)

Yellow (4%)

Black (41%)



Cyan (58%)

Magenta (41%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the RYB color 107, 130, 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 107, 130, 150 by changing the saturation by 10% instead.

 107, 130, 150

255, 255, 255


 160, 184, 204

 187, 211, 232


 215, 235, 255

 244, 250, 255

 107, 130, 150

 82, 104, 124


 57, 79, 99


 33, 55, 75


 7, 31, 52

 0, 17, 31


 0, 0, 0

 107, 130, 150

 92, 123, 150

 77, 116, 150

 107, 130, 150

 122, 137, 150

 137, 144, 150

■ 62, 109, 150

■ 152, 150, 150

■ 47, 102, 150

■ 167, 150, 152

■ 32, 95, 150

■ 182, 150, 154

■ 17, 88, 150

■ 197, 150, 156

■ 2, 81, 150

■ 212, 150, 158

■ 0, 80, 150

■ 227, 150, 160

■ 242, 150, 162

Harmonies

Analogous

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



118, 140, 149



107, 130, 150



104, 129, 158

Triad

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



107, 130, 150



148, 137, 164



163, 152, 117

Complementary

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



107, 130, 150



150, 107, 113

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.



170, 134, 126



107, 130, 150



163, 133, 153

Square

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



107, 130, 150



130, 139, 169



170, 132, 139



124, 150, 114

Rectangle

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



107, 130, 150



109, 132, 165



170, 132, 139



166, 146, 119

Sweetspot

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



107, 130, 150



176, 186, 194



107, 150, 144



86, 92, 97



224, 224, 224



97, 97, 97

Same Dimension

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



107, 130, 150



128, 163, 194



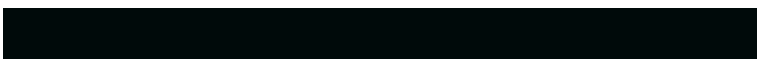
107, 124, 150



67, 71, 74



0, 74, 138



0, 5, 10

Inverse Universe

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



150, 107, 113



194, 128, 137



150, 132, 107



74, 67, 68



138, 0, 18



10, 0, 1

Previews

White Background



This preview shows how the RYB color 107, 130, 150 looks on a white background.

Color Contrast Check

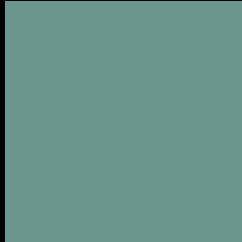
Large Text (above 18pt) WCAG AA ✓ Pass

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 107, 130, 150 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

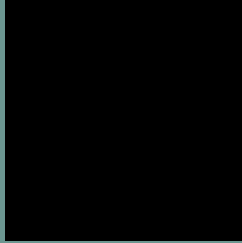
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

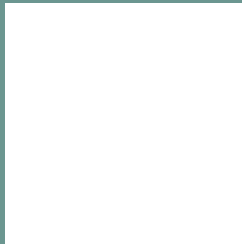
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

R Y B 107, 130, 150 Background



This preview shows how black text looks on a background with the R Y B color 107, 130, 150.

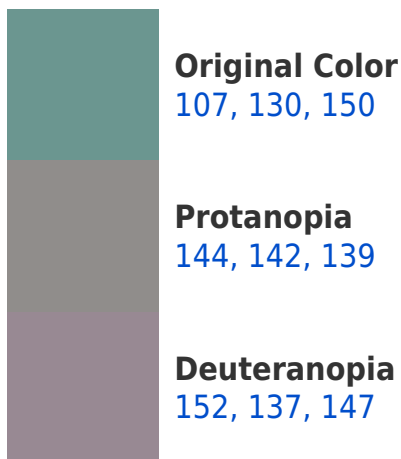


This preview shows how white text looks on a background with the R Y B color 107, 130, 150.

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





Tritanopia
110, 132, 160

Trichromacy



Original Color

107, 130, 150

Protanomaly

131, 138, 144

Deuteranomaly

136, 140, 146

Tritanomaly

109, 130, 154

Monochromacy



Original Color

107, 130, 150

Achromatopsia

137, 137, 137

Achromatomaly

126, 135, 142

CSS Examples

Text

The CSS property to change the color of the text to RYB 107, 130, 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(107, 150, 144)` looks like.

```
.text, #text, p{  
    color:rgb(107, 150, 144)  
}
```

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(107, 150, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 150, 144) }
```

Border

The CSS property to change the border of an element to RYB 107, 130, 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(107, 150, 144) }
```

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

```
.border{ border-color:rgb(107, 150, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 150, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 150, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 150, 144);  
box-shadow:4px 4px 4px 4px rgb(107, 150,  
144) }
```

Background

The CSS property to change the background color of an element to RYB 107, 130, 150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 150, 144) }
```

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

```
.background{ background-color: rgb(107,  
150, 144) }
```

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