

Converting Colors

`RYB(107, 130, 171)`

Have a look what the booklet for
RYB(107, 130, 171) contains.

RYB(107, 130, 171)	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, 171)

Conversions

Conversions Part 1

Format	Color
Hex	6B8FAB
RGB	107, 143, 171
RGB Percent	42%, 56%, 67%
CMY	0.5804, 0.4396, 0.3294
CMYK	0.37, 0.16, 0.00, 0.33
HSL	206°, 28%, 55%
HSV	206°, 37%, 67%
XYZ	23.2219, 25.6817, 42.2612
YIQ	135.4280, -30.4440, 1.0760

Conversions

Conversions Part 2

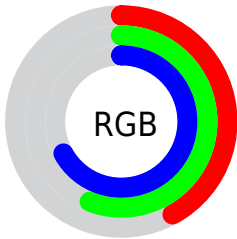
Format	Color
RYB	107, 130, 171
Decimal	7049131
CIELab	57.73, -5.24, -18.76
CIElCh	58, 19.481, 254.393
Yxy	25.6817, 0.2547, 0.2817
Android (android.graphics.Color)	4285239211 (0xFF6B8FAB)
YUV	135.4280, 17.5370, -24.9314
Hunter-Lab	50.6771, -6.8905, -13.9698

Details

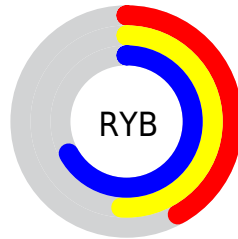
The RYB color **107, 130, 171** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **171, 157, 107**, and the grayscale version is **135, 135, 135**.

A 20% lighter version of the original color is **160, 184, 226**, and **56, 79, 119** is the 20% darker color. If you saturate the color by 10%, you get **90, 119, 171**, and if you desaturate by 10%, it is **124, 141, 171**.

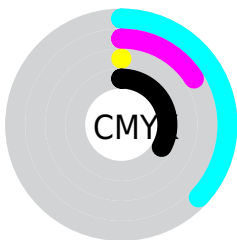
Distribution



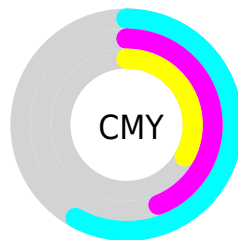
- Red (42%)
- Green (56%)
- Blue (67%)



- Red (42%)
- Yellow (51%)
- Blue (67%)



- Cyan (37%)
- Magenta (16%)
- Yellow (0%)
- Black (33%)



- Cyan (58%)
- Magenta (44%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the RYB color 107, 130, 171 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, 171 by changing the saturation by 10% instead.

■ 107, 130, 171

255, 255, 255

■ 160, 184, 226

■ 188, 212, 255

■ 216, 235, 255

■ 245, 250, 255

■ 107, 130, 171

■ 81, 104, 144

■ 56, 79, 119

■ 29, 54, 94

■ 0, 28, 70

■ 0, 17, 48

■ 0, 1, 27

■ 0, 0, 0

■ 107, 130, 171

■ 90, 119, 171

■ 107, 130, 171

■ 124, 141, 171

■ 73, 108, 171

■ 141, 152, 171

■ 56, 97, 171

■ 158, 163, 171

■ 39, 86, 171

■ 175, 175, 171

■ 22, 75, 171

■ 192, 187, 171

■ 4, 64, 171

■ 210, 201, 171

■ 0, 61, 171

■ 227, 213, 171

■ 244, 228, 171

■ 255, 244, 171

Harmonies

Analogous

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



92, 123, 162



107, 130, 171



130, 136, 171

Triad

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



107, 130, 171



174, 127, 131



114, 145, 135

Complementary

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



107, 130, 171



171, 157, 107

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.



109, 143, 106



107, 130, 171



171, 133, 116

Square

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



107, 130, 171



167, 127, 148



153, 160, 106



105, 133, 148

Rectangle

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



107, 130, 171



145, 133, 167



153, 160, 106



110, 143, 123

Sweetspot

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



107, 130, 171



197, 206, 222



107, 152, 171



98, 103, 112



240, 240, 240



112, 112, 112

Same Dimension

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



107, 130, 171



122, 158, 222



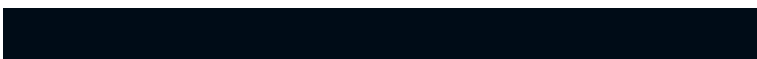
107, 111, 171



78, 81, 87



0, 54, 150



0, 8, 23

Inverse Universe

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



171, 107, 143



222, 122, 178



111, 171, 107



87, 78, 83



150, 0, 84



23, 0, 13

Previews

White Background



This preview shows how the RYB color 107, 130, 171 looks on a white background.

Color Contrast Check

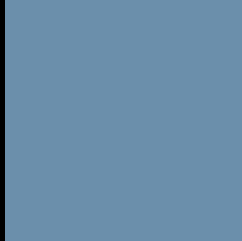
Large Text (above 18pt) WCAG AA ✓ Pass

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, 171 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

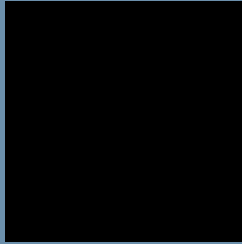
Any Text WCAG AA ✓ Pass

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 107, 130, 171 Background



This preview shows how black text looks on a background with the RYB color 107, 130, 171.

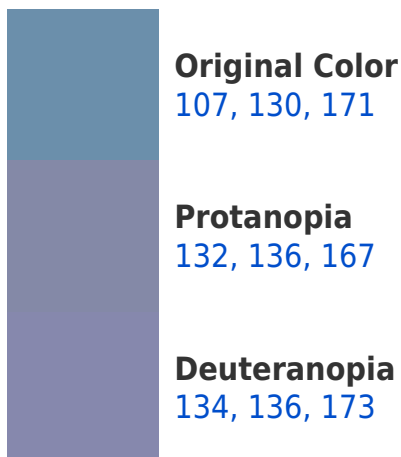


This preview shows how white text looks on a background with the RYB color 107, 130, 171.

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
103, 127, 157

Trichromacy



Original Color
107, 130, 171

Protanomaly
123, 135, 168

Deuteranomaly
124, 135, 172

Tritanomaly
104, 128, 162

Monochromacy



Original Color
107, 130, 171

Achromatopsia
135, 135, 135

Achromatomaly
125, 133, 148

CSS Examples

Text

The CSS property to change the color of the text to RYB 107, 130, 171 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, 143, 171)` looks like.

```
.text, #text, p{  
    color:rgb(107, 143, 171)  
}
```

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, 143, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 143, 171) }
```

Border

The CSS property to change the border of an element to RYB 107, 130, 171 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, 143, 171) }
```

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

```
.border{ border-color:rgb(107, 143, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 143, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 143, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 143, 171);  
box-shadow:4px 4px 4px 4px rgb(107, 143,  
171) }
```

Background

The CSS property to change the background color of an element to RYB 107, 130, 171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 143, 171) }
```

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

```
.background{ background-color: rgb(107,  
143, 171) }
```

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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