

Converting Colors

`RYB(107, 141, 170)`

Have a look what the booklet for
RYB(107, 141, 170) contains.

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Color

R_YB(107, 141, 170)

Conversions

Conversions Part 1

Format	Color
Hex	6BAAA1
RGB	107, 170, 161
RGB Percent	42%, 67%, 63%
CMY	0.5804, 0.3333, 0.3697
CMYK	0.37, 0.00, 0.05, 0.33
HSL	171°, 27%, 54%
HSV	171°, 37%, 67%
XYZ	26.8478, 34.4391, 38.8283
YIQ	150.1370, -34.6590, -16.1550

Conversions

Conversions Part 2

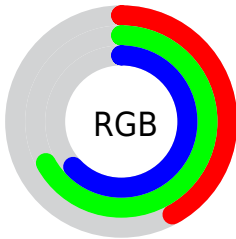
Format	Color
RYB	107, 141, 170
Decimal	7056033
CIELab	65.31, -22.41, -1.64
CIELCh	65, 22.467, 184.181
Yxy	34.4391, 0.2682, 0.3440
Android (android.graphics.Color)	4285246113 (0xFF6BAAA1)
YUV	150.1370, 5.3555, -37.8311
Hunter-Lab	58.6849, -21.0363, 1.8507

Details

The RYB color **107, 141, 170** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **170, 107, 116**, and the grayscale version is **150, 150, 150**.

A 20% lighter version of the original color is **161, 196, 226**, and **55, 89, 118** is the 20% darker color. If you saturate the color by 10%, you get **90, 133, 170**, and if you desaturate by 10%, it is **124, 149, 170**.

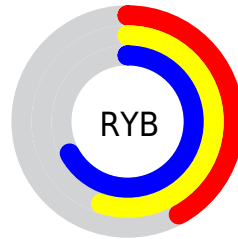
Distribution



Red (42%)

Green (67%)

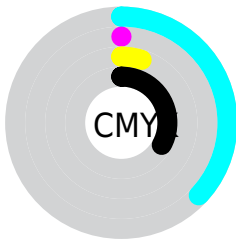
Blue (63%)



Red (42%)

Yellow (55%)

Blue (67%)

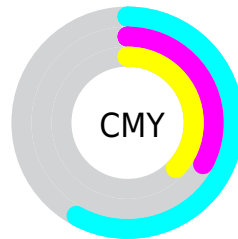


Cyan (37%)

Magenta (0%)

Yellow (5%)

Black (33%)



Cyan (58%)

Magenta (33%)

Yellow (37%)


Brightness & Saturation Gradients

These gradients show how the RYB color 107, 141, 170 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, 141, 170 by changing the saturation by 10% instead.

 107, 141, 170

255, 255, 255


 161, 197, 226

 189, 224, 254

 217, 236, 255

 246, 251, 255

 107, 141, 170


 81, 114, 143

 55, 89, 118

 27, 62, 93


 0, 36, 69


 0, 25, 46


 0, 16, 27

 0, 0, 0

 107, 141, 170

 90, 133, 170

 107, 141, 170

 124, 149, 170

■ 73, 125, 170

■ 141, 157, 170

■ 56, 118, 170

■ 158, 165, 170

■ 39, 110, 170

■ 175, 170, 171

■ 22, 102, 170

■ 192, 170, 173

■ 5, 94, 170

■ 209, 170, 176

■ 0, 92, 170

■ 226, 170, 178

■ 243, 170, 181

■ 255, 170, 183

Harmonies

Analogous

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



126, 158, 168



107, 141, 170



101, 138, 180

Triad

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



107, 141, 170



165, 152, 192



188, 172, 123

Complementary

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



107, 141, 170



170, 107, 116

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.



199, 148, 137



107, 141, 170



187, 147, 176

Square

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



107, 141, 170



138, 154, 198



198, 144, 156



135, 171, 118

Rectangle

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



107, 141, 170



107, 142, 190



198, 144, 156



193, 160, 127

Sweetspot

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



107, 141, 170



197, 211, 222



107, 170, 161



98, 106, 112



240, 240, 240



112, 112, 112

Same Dimension

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



107, 141, 170



124, 177, 222



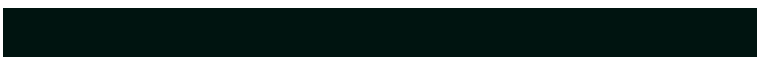
107, 132, 170



76, 80, 84



0, 80, 148



0, 11, 20

Inverse Universe

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



170, 107, 116



222, 124, 139



170, 141, 107



84, 76, 77



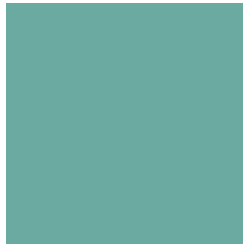
148, 0, 22



20, 0, 3

Previews

White Background



This preview shows how the RYB color 107, 141, 170 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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, 141, 170 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

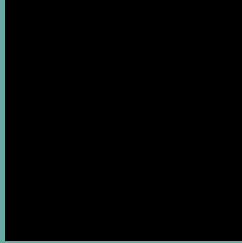
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

RYB 107, 141, 170 Background



This preview shows how black text looks on a background with the RYB color 107, 141, 170.



This preview shows how white text looks on a background with the RYB color 107, 141, 170.

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
112, 142, 180

Trichromacy



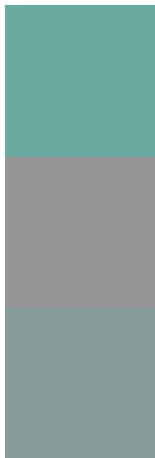
Original Color
107, 141, 170

Protanomaly
142, 154, 162

Deuteranomaly
147, 154, 163

Tritanomaly
110, 140, 173

Monochromacy



Original Color
107, 141, 170

Achromatopsia
150, 150, 150

Achromatomaly
134, 146, 157

CSS Examples

Text

The CSS property to change the color of the text to RYB 107, 141, 170 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, 170, 161)` looks like.

```
.text, #text, p{  
    color:rgb(107, 170, 161)  
}
```

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, 170, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 170, 161) }
```

Border

The CSS property to change the border of an element to RYB 107, 141, 170 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, 170, 161) }
```

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

```
.border{ border-color:rgb(107, 170, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 170, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 170, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 170, 161);  
box-shadow:4px 4px 4px 4px rgb(107, 170,  
161) }
```

Background

The CSS property to change the background color of an element to RYB 107, 141, 170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 170, 161) }
```

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

```
.background{ background-color: rgb(107,  
170, 161) }
```

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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