

Converting Colors

`RYB(114, 153, 157)`

Have a look what the booklet for
RYB(114, 153, 157) contains.

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Color

R_YB(114, 153, 157)

Conversions

Conversions Part 1

Format	Color
Hex	729D76
RGB	114, 157, 118
RGB Percent	45%, 62%, 46%
CMY	0.5529, 0.3843, 0.5356
CMYK	0.27, 0.00, 0.25, 0.38
HSL	126°, 18%, 53%
HSV	126°, 27%, 62%
XYZ	22.2909, 29.0091, 21.6921
YIQ	139.6970, -13.1090, -21.2450

Conversions

Conversions Part 2

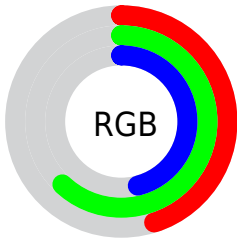
Format	Color
RYB	114, 153, 157
Decimal	7511414
CIELab	60.79, -22.65, 15.59
CIELCh	61, 27.493, 145.464
Yxy	29.0091, 0.3054, 0.3974
Android (android.graphics.Color)	4285701494 (0xFF729D76)
YUV	139.6970, -10.6966, -22.5363
Hunter-Lab	53.8601, -20.3802, 13.8231

Details

The RYB color **114, 153, 157** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **157, 114, 153**, and the grayscale version is **140, 140, 140**.

A 20% lighter version of the original color is **167, 209, 212**, and **64, 101, 105** is the 20% darker color. If you saturate the color by 10%, you get **98, 152, 157**, and if you desaturate by 10%, it is **130, 154, 157**.

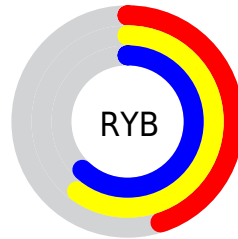
Distribution



Red (45%)

Green (62%)

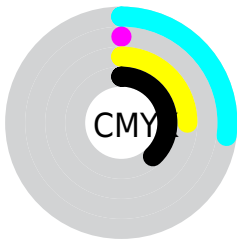
Blue (46%)



Red (45%)

Yellow (60%)

Blue (62%)

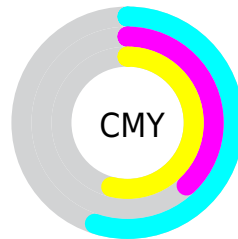


Cyan (27%)

Magenta (0%)

Yellow (25%)

Black (38%)



Cyan (55%)

Magenta (38%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the RYB color 114, 153, 157 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 114, 153, 157 by changing the saturation by 10% instead.

 114, 153, 157


255, 255, 255


 167, 208, 212


 194, 236, 240


 222, 251, 255

 251, 253, 255

 114, 153, 157

 89, 127, 131

 64, 100, 105


 41, 76, 81


 17, 51, 58


 0, 36, 36


 0, 5, 5


 0, 0, 0

 114, 153, 157


 98, 152, 157


 114, 153, 157


 130, 154, 157

 83, 151, 157


 145, 155, 157

 67, 149, 157

 161, 157, 161

 51, 147, 157

 177, 157, 175

 35, 145, 157

 193, 157, 189


 20, 144, 157

 208, 157, 203

 4, 143, 157

 224, 157, 217

 0, 142, 157

 240, 157, 231

 255, 157, 245

Harmonies

Analogous

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



102, 151, 111



114, 153, 157



86, 128, 160

Triad

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



114, 153, 157



109, 137, 195



195, 130, 127

Complementary

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



114, 153, 157



157, 114, 153

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.



191, 129, 151



114, 153, 157



145, 142, 190

Square

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



114, 153, 157



77, 123, 186



174, 134, 174



186, 152, 108

Rectangle

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



114, 153, 157



72, 116, 160



174, 134, 174



195, 129, 135

Sweetspot

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



114, 153, 157



188, 203, 204



114, 157, 118



92, 101, 102



230, 230, 230



102, 102, 102

Same Dimension

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



114, 153, 157



137, 198, 204



114, 141, 157



71, 78, 79



0, 129, 143



0, 13, 15

Inverse Universe

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



157, 114, 153



204, 137, 197



157, 114, 131



79, 71, 78



143, 0, 128



15, 0, 14

Previews

White Background



This preview shows how the RYB color 114, 153, 157 looks on a white background.

Color Contrast Check

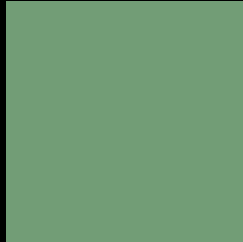
Large Text (above 18pt) WCAG AA ✓ Pass

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 114, 153, 157 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

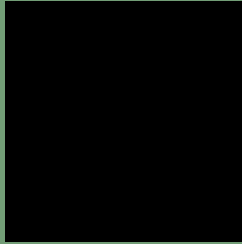
Any Text WCAG AA ✓ Pass

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 114, 153, 157 Background



This preview shows how black text looks on a background with the RYB color 114, 153, 157.

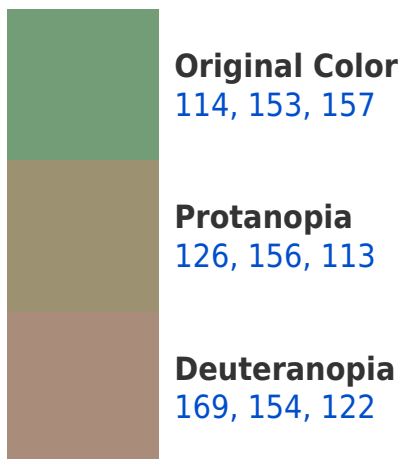


This preview shows how white text looks on a background with the RYB color 114, 153, 157.

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
122, 139, 163

Trichromacy



Original Color
114, 153, 157

Protanomaly
115, 150, 124

Deuteranomaly
123, 149, 121

Tritanomaly
119, 138, 153

Monochromacy



Original Color
114, 153, 157

Achromatopsia
140, 140, 140

Achromatomaly
131, 145, 146

CSS Examples

Text

The CSS property to change the color of the text to RYB 114, 153, 157 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(114, 157, 118)` looks like.

```
.text, #text, p{  
    color:rgb(114, 157, 118)  
}
```

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(114, 157, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 157, 118) }
```

Border

The CSS property to change the border of an element to RYB 114, 153, 157 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(114, 157, 118) }
```

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

```
.border{ border-color:rgb(114, 157, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 157, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 157, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 157, 118);  
box-shadow:4px 4px 4px 4px rgb(114, 157,  
118) }
```

Background

The CSS property to change the background color of an element to RYB 114, 153, 157 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 157, 118) }
```

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

```
.background{ background-color: rgb(114,  
157, 118) }
```

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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