

Converting Colors

`RYB(113, 157, 127)`

Have a look what the booklet for
RYB(113, 157, 127) contains.

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Color

R_YB(113, 157, 127)

Conversions

Conversions Part 1

Format	Color
Hex	8F9D71
RGB	143, 157, 113
RGB Percent	56%, 62%, 44%
CMY	0.4392, 0.3843, 0.5569
CMYK	0.09, 0.00, 0.28, 0.38
HSL	79°, 18%, 53%
HSV	79°, 28%, 62%
XYZ	26.3653, 31.1458, 20.2449
YIQ	147.7980, 5.7800, -16.6520

Conversions

Conversions Part 2

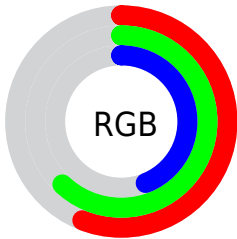
Format	Color
RYB	113, 157, 127
Decimal	9411953
CIELab	62.63, -12.84, 21.42
CIELCh	63, 24.971, 120.936
Yxy	31.1458, 0.3391, 0.4006
Android (android.graphics.Color)	4287602033 (0xFF8F9D71)
YUV	147.7980, -17.1554, -4.2078
Hunter-Lab	55.8085, -13.3370, 17.5580

Details

The RYB color **113, 157, 127** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **127, 113, 157**, and the grayscale version is **148, 148, 148**.

A 20% lighter version of the original color is **165, 212, 180**, and **65, 106, 79** is the 20% darker color. If you saturate the color by 10%, you get **97, 157, 116**, and if you desaturate by 10%, it is **129, 157, 138**.

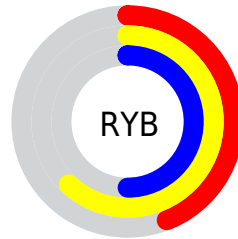
Distribution



Red (56%)

Green (62%)

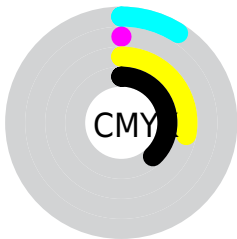
Blue (44%)



Red (44%)

Yellow (62%)

Blue (50%)

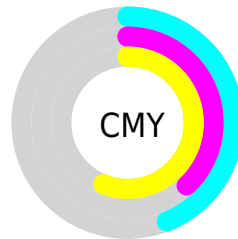


Cyan (9%)

Magenta (0%)

Yellow (28%)

Black (38%)



Cyan (44%)

Magenta (38%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the RYB color 113, 157, 127 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 113, 157, 127 by changing the saturation by 10% instead.

 113, 157, 127

255, 255, 255


 165, 212, 180


 192, 240, 207


 220, 255, 221

 249, 255, 249

 113, 157, 127


 97, 157, 116

 113, 157, 127


 88, 131, 102

 65, 106, 79

 42, 82, 56


 21, 59, 35

 0, 37, 11

 0, 17, 17

 0, 0, 0

 113, 157, 127

 129, 157, 138

■ 82, 157, 106

■ 144, 157, 148

■ 66, 157, 95

■ 158, 157, 160

■ 50, 157, 84

■ 163, 157, 176

■ 34, 157, 73

■ 168, 157, 192

■ 19, 157, 63

■ 173, 157, 207

■ 3, 157, 52

■ 178, 157, 223

■ 0, 157, 50

■ 183, 157, 239

■ 188, 157, 254

Harmonies

Analogous

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



131, 167, 107



113, 157, 127



117, 153, 162

Triad

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



113, 157, 127



96, 134, 190



194, 135, 152

Complementary

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



113, 157, 127



127, 113, 157

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.



181, 139, 173



113, 157, 127



124, 145, 195

Square

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



113, 157, 127



84, 126, 173



156, 146, 189



195, 138, 130

Rectangle

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



113, 157, 127



101, 138, 163



156, 146, 189



191, 136, 159

Sweetspot

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



113, 157, 127



188, 204, 193



157, 134, 113



92, 102, 95



230, 230, 230



102, 102, 102

Same Dimension

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



113, 157, 127



135, 204, 157



113, 157, 149



71, 79, 73



0, 143, 46



0, 15, 5

Inverse Universe

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



127, 113, 157



157, 135, 204



149, 113, 157



74, 71, 79



45, 0, 143



5, 0, 15

Previews

White Background



This preview shows how the RYB color 113, 157, 127 looks on a white background.

Color Contrast Check

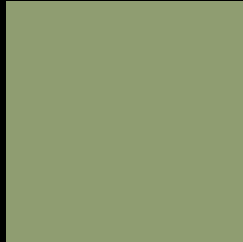
Large Text (above 18pt) WCAG AA × Fail

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 113, 157, 127 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

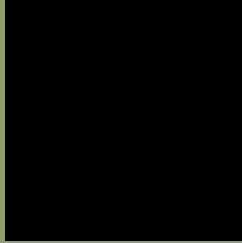
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

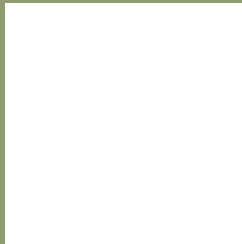
Any Text WCAG AAA ✓ Pass

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

RYB 113, 157, 127 Background



This preview shows how black text looks on a background with the RYB color 113, 157, 127.

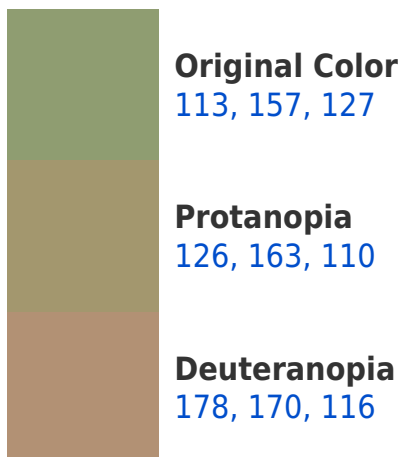



This preview shows how white text looks on a background with the RYB color 113, 157, 127.

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
150, 151, 162

Trichromacy



Original Color
113, 157, 127

Protanomaly
114, 156, 111

Deuteranomaly
139, 165, 115

Tritanomaly
144, 153, 150

Monochromacy



Original Color
113, 157, 127

Achromatopsia
148, 148, 148

Achromatomaly
135, 151, 140

CSS Examples

Text

The CSS property to change the color of the text to RYB 113, 157, 127 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(143, 157, 113)` looks like.

```
.text, #text, p{  
    color:rgb(143, 157, 113)  
}
```

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(143, 157, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 157, 113) }
```

Border

The CSS property to change the border of an element to RYB 113, 157, 127 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(143, 157, 113) }
```

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

```
.border{ border-color:rgb(143, 157, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 157, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 157, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 157, 113);  
box-shadow:4px 4px 4px 4px rgb(143, 157,  
113) }
```

Background

The CSS property to change the background color of an element to RYB 113, 157, 127 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 157, 113) }
```

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

```
.background{ background-color: rgb(143,  
157, 113) }
```

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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