Converting Colors

RYB(126, 153, 127)

Have a look what the booklet for RYB(126, 153, 127) contains.

Color

RYB(126, 153, 127)

Conversions

Format	Color
	Conversions Part 1
Hex	98997E
RGB	152, 153, 126
RGB Percent	60%, 60%, 49%
CMY	0.4039, 0.4000, 0.5059
CMYK	0.01, 0.00, 0.18, 0.40
HSL	62°, 12%, 55%
HSV	62°, 18%, 60%
XYZ	28.1060, 30.9642, 24.2340
YIQ	149.6230, 8.0710, -8.6090

Conversions

Conversions Part 2

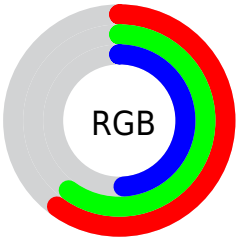
Format	Color
RYB	126, 153, 127
Decimal	10000766
CIELab	62.48, -5.15, 14.10
CIELCh	62, 15.013, 110.072
Yxy	30.9642, 0.3374, 0.3717
Android (android.graphics.Color)	4288190846 (0xFF98997E)
YUV	149.6230, -11.6461, 2.0846
Hunter-Lab	55.6455, -7.2210, 13.1306

Details

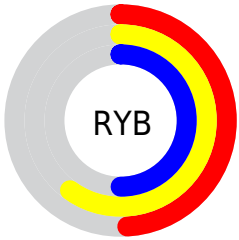
The RYB color 126, 153, 127 is a dark color, and the websafe version is hex 999966. A complement of this color would be 127, 126, 153, and the grayscale version is 150, 150, 150.

A 20% lighter version of the original color is 179, 207, 180, and 77, 102, 78 is the 20% darker color. If you saturate the color by 10%, you get 111, 153, 113, and if you desaturate by 10%, it is 141, 153, 141.

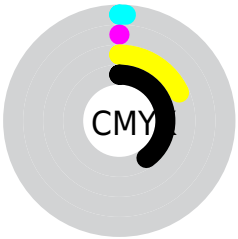
Distribution



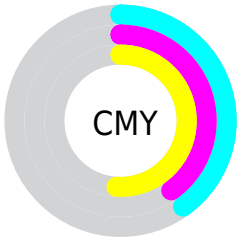
- Red (60%)
- Green (60%)
- Blue (49%)



- Red (49%)
- Yellow (60%)
- Blue (50%)



- Cyan (1%)
- Magenta (0%)
- Yellow (18%)
- Black (40%)



- Cyan (40%)
- Magenta (40%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the RYB color 126, 153, 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 126, 153, 127 by changing the saturation by 10% instead.

126, 153, 127

255, 255, 255

179, 207, 180

206, 235, 206

234, 255, 234

126, 153, 127

101, 127, 102

77, 102, 78

54, 78, 55

32, 55, 33

10, 34, 12

0, 12, 11

0, 0, 0

126, 153, 127

111, 153, 113

126, 153, 127

141, 153, 141

95, 153, 97

80, 153, 83

65, 153, 68

50, 153, 54

34, 153, 38

19, 153, 24

4, 153, 10

0, 153, 6

153, 153, 157

154, 153, 172

154, 153, 187

155, 153, 203

155, 153, 218

156, 153, 233

157, 153, 248

157, 153, 255

Harmonies

Analogous

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

154, 166, 125

126, 153, 127

134, 157, 154

Triad

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

126, 153, 127

119, 141, 171

175, 142, 156

Complementary

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

126, 153, 127

127, 126, 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.

164, 145, 168

126, 153, 127

131, 146, 177

Square

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

126, 153, 127

116, 138, 160

148, 149, 176

179, 142, 142

Rectangle

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

126, 153, 127

127, 148, 158

148, 149, 176

172, 143, 160

Sweetspot

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

126, 153, 127

189, 199, 189

153, 127, 126

93, 99, 93

227, 227, 227

99, 99, 99

Same Dimension

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

126, 153, 127

157, 199, 159

126, 153, 140

69, 77, 70

0, 140, 5

0, 13, 1

Inverse Universe

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

127, 126, 153

159, 157, 199

140, 126, 153

69, 69, 77

5, 0, 140

0, 0, 13

Previews

White Background

This preview shows how the RYB color 126, 153, 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

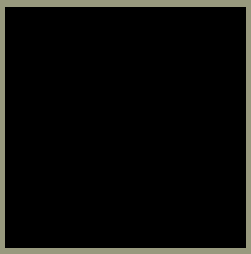
This preview shows how the RYB color 126, 153, 127 looks on a black background.

Color Contrast Check

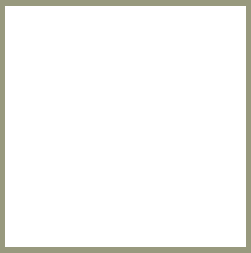
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the Color Contrast Checker.

RYB 126, 153, 127 Background



This preview shows how black text looks on a background with the RYB color 126, 153, 127.



This preview shows how white text looks on a background with the RYB color 126, 153, 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

Original Color
126, 153, 127

Protanopia
137, 160, 125

Deuteranopia
174, 155, 128

Tritanopia
157, 148, 160

Trichromacy

Original Color
126, 153, 127

Protanomaly
131, 157, 125

Deuteranomaly
160, 166, 127

Tritanomaly
155, 151, 148

Monochromacy

Original Color
126, 153, 127

Achromatopsia
150, 150, 150

Achromatomaly
141, 151, 141

CSS Examples

Text

The CSS property to change the color of the text to RYB 126, 153, 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(152, 153, 126) looks like.

```
.text, #text, p{
    color:rgb(152, 153, 126)
}
```

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(152, 153, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 153, 126) }
```

Border

The CSS property to change the border of an element to RYB 126, 153, 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(152, 153, 126) }
```

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

```
.border{ border-color:rgb(152, 153, 126) }
```

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

Here you see how a box with a 4 pixel rgb(152, 153, 126) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(152, 153, 126); -webkit-box-shadow:4px 4px 4px 4px rgb(152, 153, 126); box-shadow:4px 4px 4px 4px rgb(152, 153, 126) }
```

Background

The CSS property to change the background color of an element to RYB 126, 153, 127 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(152, 153, 126) }
```

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

```
.background{ background-color:rgb(152,
153, 126) }
```

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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