Converting Colors

RYB(122, 158, 161)

Have a look what the booklet for RYB(122, 158, 161) contains.

Color

RYB(122, 158, 161)

Conversions

Conversions Part 1

Format	Color
Hex	7AA17D
RGB	122, 161, 125
RGB Percent	48%, 63%, 49%
CMY	0.5216, 0.3686, 0.5088
CMYK	0.24, 0.00, 0.22, 0.37
HSL	125°, 17%, 55%
HSV	125°, 24%, 63%
XYZ	24.4886, 31.1144, 24.2009
YIQ	145.2350, -11.6880, -19.4640

Conversions

Conversions Part 2

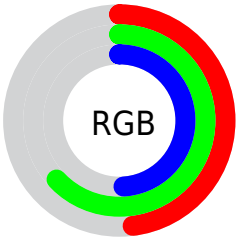
Format	Color
RYB	122, 158, 161
Decimal	8036733
CIELab	62.60, -20.65, 14.38
CIELCh	63, 25.162, 145.158
Yxy	31.1144, 0.3069, 0.3899
Android (android.graphics.Color)	4286226813 (0xFF7AA17D)
YUV	145.2350, -9.9759, -20.3771
Hunter-Lab	55.7803, -19.2506, 13.3226

Details

The RYB color 122, 158, 161 is a dark color, and the websafe version is hex 669966. A complement of this color would be 161, 122, 158, and the grayscale version is 145, 145, 145.

A 20% lighter version of the original color is 175, 213, 216, and 72, 105, 109 is the 20% darker color. If you saturate the color by 10%, you get 106, 157, 161, and if you desaturate by 10%, it is 138, 159, 161.

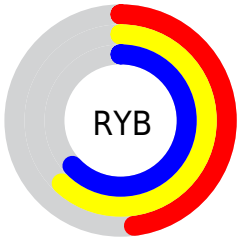
Distribution



Red (48%)

Green (63%)

Blue (49%)



Red (48%)

Yellow (62%)

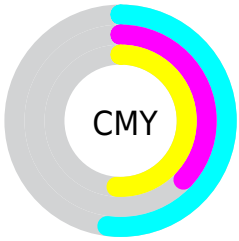
Blue (63%)

Cyan (24%)

Magenta (0%)

Yellow (22%)

Black (37%)



Cyan (52%)

Magenta (37%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the RYB color 122, 158, 161 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 122, 158, 161 by changing the saturation by 10% instead.

122, 158, 161

255, 255, 255

175, 213, 216

203, 242, 244

231, 252, 255

122, 158, 161

97, 132, 135

72, 105, 109

49, 81, 85

25, 55, 61

3, 34, 39

0, 17, 17

0, 0, 0

122, 158, 161

106, 157, 161

122, 158, 161

138, 159, 161

90, 155, 161

74, 155, 161

58, 154, 161

42, 153, 161

25, 150, 161

9, 149, 161

0, 149, 161

154, 160, 161

170, 161, 170

186, 161, 184

203, 161, 199

219, 161, 214

235, 161, 229

251, 161, 243

255, 161, 255

Harmonies

Analogous

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

111, 156, 119

122, 158, 161

98, 136, 164

Triad

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

122, 158, 161

118, 143, 195

196, 136, 133

Complementary

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

122, 158, 161

161, 122, 158

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.

193, 135, 156

122, 158, 161

150, 147, 192

Square

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

122, 158, 161

91, 131, 187

177, 140, 177

188, 154, 116

Rectangle

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

122, 158, 161

86, 126, 164

177, 140, 177

197, 135, 141

Sweetspot

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

122, 158, 161

194, 207, 209

122, 161, 125

96, 104, 105

232, 232, 232

105, 105, 105

Same Dimension

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

122, 158, 161

148, 204, 209

122, 147, 161

73, 81, 82

0, 134, 145

0, 17, 18

Inverse Universe

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

161, 122, 158

209, 148, 204

161, 122, 138

82, 73, 81

145, 0, 133

18, 0, 16

Previews

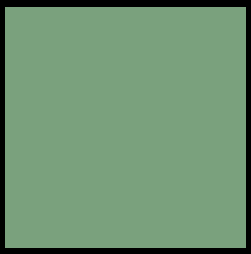
White Background

This preview shows how the RYB color 122, 158, 161 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



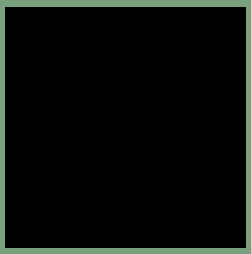
This preview shows how the RYB color 122, 158, 161 looks on a black background.

Color Contrast Check

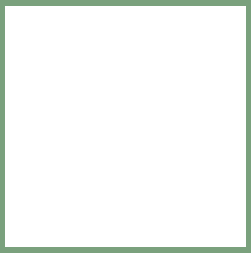
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✓ Pass

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

RYB 122, 158, 161 Background



This preview shows how black text looks on a background with the RYB color 122, 158, 161.



This preview shows how white text looks on a background with the RYB color 122, 158, 161.

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
122, 158, 161

Protanopia
132, 160, 120

Deuteranopia
173, 154, 129

Tritanopia
130, 145, 168

Trichromacy

Original Color
122, 158, 161

Protanomaly
122, 155, 131

Deuteranomaly
131, 154, 128

Tritanomaly
127, 143, 157

Monochromacy

Original Color
122, 158, 161

Achromatopsia
145, 145, 145

Achromatomaly
137, 150, 151

CSS Examples

Text

The CSS property to change the color of the text to RYB 122, 158, 161 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(122, 161, 125) looks like.

```
.text, #text, p{
    color:rgb(122, 161, 125)
}
```

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(122, 161, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 161, 125) }
```

Border

The CSS property to change the border of an element to RYB 122, 158, 161 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(122, 161, 125) }
```

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

```
.border{ border-color:rgb(122, 161, 125) }
```

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

Here you see how a box with a 4 pixel rgb(122, 161, 125) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(122, 161, 125); -webkit-box-shadow:4px 4px 4px 4px rgb(122, 161, 125); box-shadow:4px 4px 4px 4px rgb(122, 161, 125) }
```

Background

The CSS property to change the background color of an element to RYB 122, 158, 161 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(122, 161, 125) }
```

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

```
.background{ background-color:rgb(122,
161, 125) }
```

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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