Converting Colors

RYB(128, 193, 154)

Have a look what the booklet for RYB(128, 193, 154) contains.

Color

RYB(128, 193, 154)

Conversions

Conversions Part 1

Format	Color
Hex	A7C180
RGB	167, 193, 128
RGB Percent	65%, 76%, 50%
CMY	0.3451, 0.2431, 0.4980
CMYK	0.13, 0.00, 0.34, 0.24
HSL	84°, 34%, 63%
HSV	84°, 34%, 76%
XYZ	38.9026, 47.9139, 27.6200
YIQ	177.8160, 5.3690, -25.7270

Conversions

Conversions Part 2

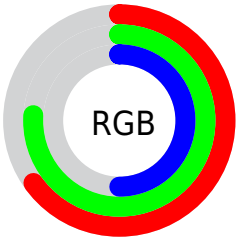
Format	Color
RYB	128, 193, 154
Decimal	10994048
CIELab	74.77, -20.02, 29.90
CIELCh	75, 35.978, 123.804
Yxy	47.9139, 0.3399, 0.4187
Android (android.graphics.Color)	4289184128 (0xFFA7C180)
YUV	177.8160, -24.5593, -9.4856
Hunter-Lab	69.2199, -20.8152, 24.7961

Details

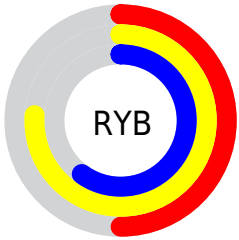
The RYB color 128, 193, 154 is a light color, and the websafe version is hex 99CC99. A complement of this color would be 154, 128, 193, and the grayscale version is 178, 178, 178.

A 20% lighter version of the original color is 181, 250, 208, and 78, 139, 103 is the 20% darker color. If you saturate the color by 10%, you get 109, 193, 143, and if you desaturate by 10%, it is 147, 193, 165.

Distribution

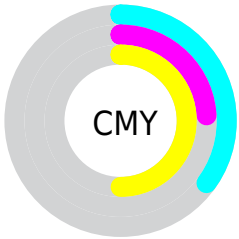


- Red (65%)
- Green (76%)
- Blue (50%)



- Red (50%)
- Yellow (76%)
- Blue (60%)

- Cyan (13%)
- Magenta (0%)
- Yellow (34%)
- Black (24%)



- Cyan (35%)
- Magenta (24%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the RYB color 128, 193, 154 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 128, 193, 154 by changing the saturation by 10% instead.

128, 193, 154

255, 255, 255

181, 250, 208

209, 255, 212

238, 255, 238

128, 193, 154

103, 166, 129

78, 139, 103

54, 114, 79

31, 89, 56

7, 66, 32

0, 43, 24

0, 25, 25

0, 0, 0

128, 193, 154

128, 193, 154

109, 193, 143

89, 193, 130

70, 193, 119

51, 193, 108

32, 193, 97

12, 193, 84

0, 193, 77

147, 193, 165

167, 193, 178

186, 193, 189

198, 193, 205

206, 193, 225

213, 193, 244

221, 193, 255

229, 193, 255

236, 193, 255

Harmonies

Analogous

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

141, 202, 117

128, 193, 154

128, 180, 199

Triad

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

128, 193, 154

93, 154, 243

248, 159, 181

Complementary

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

128, 193, 154

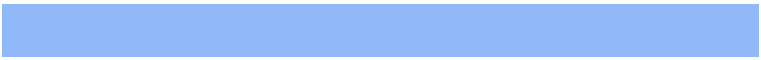
154, 128, 193

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.

230, 163, 214

128, 193, 154



145, 174, 250

Square

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

128, 193, 154

65, 137, 220

194, 174, 239

247, 164, 149

Rectangle

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

128, 193, 154

101, 159, 202

194, 174, 239

244, 159, 192

Sweetspot

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

128, 193, 154

225, 250, 235

193, 171, 128

110, 125, 116

252, 252, 252

125, 125, 125

Same Dimension

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

128, 193, 154

150, 250, 190

128, 193, 186

87, 97, 91

0, 161, 65

0, 33, 13

Inverse Universe

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

154, 128, 193

190, 150, 250

187, 128, 193

91, 87, 97

64, 0, 161

13, 0, 33

Previews

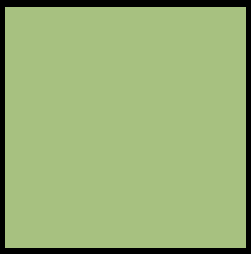
White Background

This preview shows how the RYB color 128, 193, 154 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



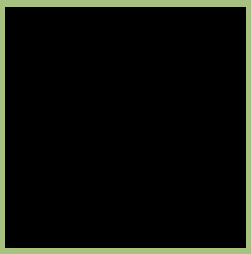
This preview shows how the RYB color 128, 193, 154 looks on a black background.

Color Contrast Check

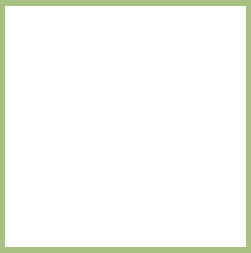
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✓ Pass

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

RYB 128, 193, 154 Background



This preview shows how black text looks on a background with the RYB color 128, 193, 154.

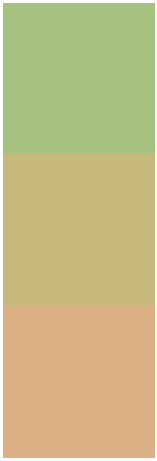


This preview shows how white text looks on a background with the RYB color 128, 193, 154.

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
128, 193, 154

Protanopia
143, 199, 124

Deuteranopia
214, 218, 132

Tritanopia
177, 182, 199

Trichromacy

Original Color
128, 193, 154

Protanomaly
125, 187, 125

Deuteranomaly
154, 199, 131

Tritanomaly
173, 187, 187

Monochromacy

Original Color
128, 193, 154

Achromatopsia
178, 178, 178

Achromatomaly
160, 183, 169

CSS Examples

Text

The CSS property to change the color of the text to RYB 128, 193, 154 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(167, 193, 128) looks like.

```
.text, #text, p{
    color:rgb(167, 193, 128)
}
```

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(167, 193, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 193, 128) }
```

Border

The CSS property to change the border of an element to RYB 128, 193, 154 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(167, 193, 128) }
```

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

```
.border{ border-color:rgb(167, 193, 128) }
```

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

Here you see how a box with a 4 pixel rgb(167, 193, 128) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(167, 193, 128); -webkit-box-shadow:4px 4px 4px 4px rgb(167, 193, 128); box-shadow:4px 4px 4px 4px rgb(167, 193, 128) }
```

Background

The CSS property to change the background color of an element to RYB 128, 193, 154 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(167, 193, 128) }
```

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

```
.background{ background-color:rgb(167,
193, 128) }
```

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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