Converting Colors

RYB(132, 208, 161)

Have a look what the booklet for RYB(132, 208, 161) contains.

Color

RYB(132, 208, 161)

Conversions

Conversions Part 1

Format	Color
Hex	B3D084
RGB	179, 208, 132
RGB Percent	70%, 82%, 52%
CMY	0.2980, 0.1843, 0.4824
CMYK	0.14, 0.00, 0.37, 0.18
HSL	83°, 45%, 67%
HSV	83°, 37%, 82%
XYZ	45.3111, 56.3614, 30.3205
YIQ	190.6650, 7.1120, -29.7840

Conversions

Conversions Part 2

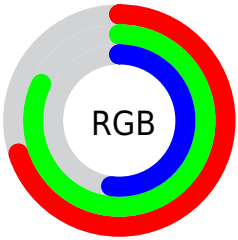
Format	Color
RYB	132, 208, 161
Decimal	11784324
CIELab	79.82, -22.42, 34.60
CIELCh	80, 41.230, 122.940
Yxy	56.3614, 0.3433, 0.4270
Android (android.graphics.Color)	4289974404 (0xFFB3D084)
YUV	190.6650, -28.9218, -10.2302
Hunter-Lab	75.0742, -23.6460, 28.6063

Details

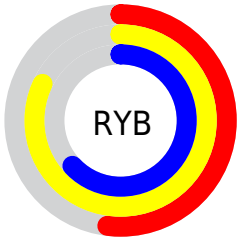
The RYB color 132, 208, 161 is a light color, and the websafe version is hex 99CC99. A complement of this color would be 161, 132, 208, and the grayscale version is 191, 191, 191.

A 20% lighter version of the original color is 186, 255, 205, and 81, 154, 110 is the 20% darker color. If you saturate the color by 10%, you get 111, 208, 148, and if you desaturate by 10%, it is 153, 208, 174.

Distribution

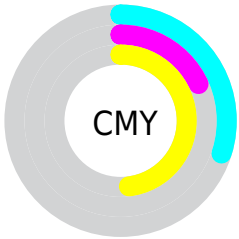


- Red (70%)
- Green (82%)
- Blue (52%)



- Red (52%)
- Yellow (82%)
- Blue (63%)

- Cyan (14%)
- Magenta (0%)
- Yellow (37%)
- Black (18%)



- Cyan (30%)
- Magenta (18%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the RYB color 132, 208, 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 132, 208, 161 by changing the saturation by 10% instead.

132, 208, 161	132, 208, 161
255, 255, 255	106, 180, 134
186, 255, 205	81, 154, 110
214, 255, 214	57, 127, 85
242, 255, 242	33, 102, 61
	8, 78, 36
	0, 55, 27
	0, 34, 34
	0, 0, 0

132, 208, 161	132, 208, 161

111, 208, 148

90, 208, 135

70, 208, 123

49, 208, 110

28, 208, 97

7, 208, 84

0, 208, 79

153, 208, 174

174, 208, 187

194, 208, 199

211, 208, 215

219, 208, 236

227, 208, 255

235, 208, 255

242, 208, 255

250, 208, 255

Harmonies

Analogous

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

150, 220, 120

132, 208, 161

133, 194, 215

Triad

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

132, 208, 161

82, 156, 255

255, 168, 195

Complementary

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

132, 208, 161

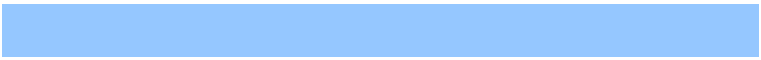
161, 132, 208

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.

250, 174, 234

132, 208, 161



149, 183, 255

Square

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

132, 208, 161

39, 133, 238

207, 187, 255

255, 174, 158

Rectangle

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

132, 208, 161

99, 167, 218

207, 187, 255

255, 169, 209

Sweetspot

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

132, 208, 161

227, 255, 238

208, 176, 132

111, 128, 118

0, 0, 0

128, 128, 128

Same Dimension

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

132, 208, 161

143, 255, 186

132, 208, 198

94, 105, 98

0, 168, 64

0, 41, 16

Inverse Universe

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

161, 132, 208

186, 143, 255

198, 132, 208

98, 94, 105

64, 0, 168

16, 0, 41

Previews

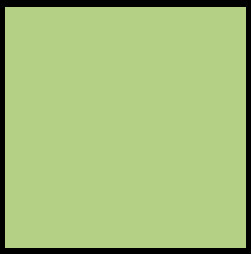
White Background

This preview shows how the RYB color 132, 208, 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



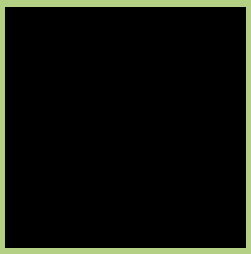
This preview shows how the RYB color 132, 208, 161 looks on a black background.

Color Contrast Check

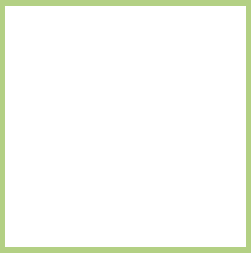
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✓ Pass

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

RYB 132, 208, 161 Background



This preview shows how black text looks on a background with the RYB color 132, 208, 161.



This preview shows how white text looks on a background with the RYB color 132, 208, 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

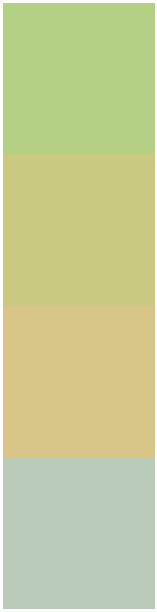
Original Color
132, 208, 161

Protanopia
151, 215, 128

Deuteranopia
225, 236, 136

Tritanopia
190, 196, 214

Trichromacy



Original Color
132, 208, 161

Protanomaly
130, 202, 129

Deuteranomaly
160, 215, 135

Tritanomaly
184, 202, 200

Monochromacy

Original Color
132, 208, 161

Achromatopsia
191, 191, 191

Achromatomaly
170, 197, 180

CSS Examples

Text

The CSS property to change the color of the text to RYB 132, 208, 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(179, 208, 132) looks like.

```
.text, #text, p{
    color:rgb(179, 208, 132)
}
```

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(179, 208, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 208, 132) }
```

Border

The CSS property to change the border of an element to RYB 132, 208, 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(179, 208, 132) }
```

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

```
.border{ border-color:rgb(179, 208, 132) }
```

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

Here you see how a box with a 4 pixel rgb(179, 208, 132) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(179, 208, 132); -webkit-box-shadow:4px 4px 4px 4px rgb(179, 208, 132); box-shadow:4px 4px 4px 4px rgb(179, 208, 132) }
```

Background

The CSS property to change the background color of an element to RYB 132, 208, 161 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(179, 208, 132) }
```

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

```
.background{ background-color:rgb(179,
208, 132) }
```

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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