

Converting Colors

`RYB(130, 140, 142)`

Have a look what the booklet for
RYB(130, 140, 142) contains.

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Color

R_YB(130, 140, 142)

Conversions

Conversions Part 1

Format	Color
Hex	828E84
RGB	130, 142, 132
RGB Percent	51%, 56%, 52%
CMY	0.4902, 0.4431, 0.4808
CMYK	0.08, 0.00, 0.07, 0.44
HSL	132°, 5%, 53%
HSV	132°, 8%, 56%
XYZ	23.0712, 25.7687, 25.7315
YIQ	137.2720, -3.9420, -5.6540

Conversions

Conversions Part 2

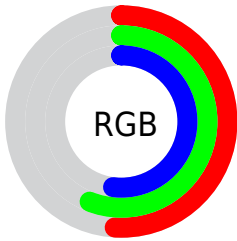
Format	Color
R_{YB}	130, 140, 142
Decimal	8556164
CIE _{Lab}	57.82, -6.28, 3.62
CIE _{LCh}	58, 7.246, 150.033
Yxy	25.7687, 0.3094, 0.3456
Android (android.graphics.Color)	4286746244 (0xFF828E84)
YUV	137.2720, -2.5991, -6.3775
Hunter-Lab	50.7629, -7.7088, 5.4802

Details

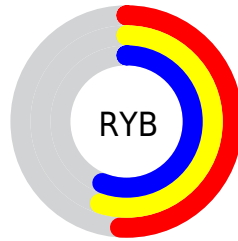
The RYB color `130, 140, 142` is a dark color, and the websafe version is hex `999999`, and the color name is `dolphin gray`. A complement of this color would be `142, 130, 140`, and the grayscale version is `137, 137, 137`.

A 20% lighter version of the original color is `183, 194, 196`, and `81, 90, 92` is the 20% darker color. If you saturate the color by 10%, you get `116, 138, 142`, and if you desaturate by 10%, it is `144, 142, 144`.

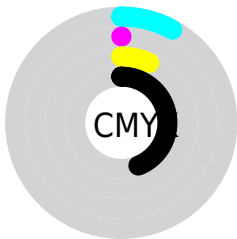
Distribution



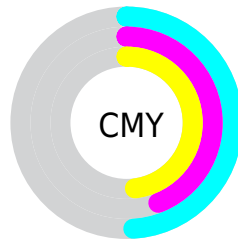
- Red (51%)
- Green (56%)
- Blue (52%)



- Red (51%)
- Yellow (55%)
- Blue (56%)



- Cyan (8%)
- Magenta (0%)
- Yellow (7%)
- Black (44%)



- Cyan (49%)
- Magenta (44%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the RYB color 130, 140, 142 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 130, 140, 142 by changing the saturation by 10% instead.


 130, 140, 142


255, 255, 255


 183, 194, 196

 211, 222, 224

 239, 250, 252

 130, 140, 142

 105, 114, 116


 81, 90, 92

 58, 66, 68

 36, 44, 46


 15, 24, 26

 0, 0, 0

 130, 140, 142

 116, 138, 142

 102, 135, 142

 130, 140, 142

 144, 142, 144

 158, 142, 155

■ 87, 133, 142

■ 173, 142, 166

■ 73, 130, 142

■ 187, 142, 178

■ 59, 128, 142

■ 201, 142, 189

■ 45, 126, 142

■ 215, 142, 201

■ 31, 124, 142

■ 229, 142, 212

■ 16, 120, 142

■ 244, 142, 223

■ 2, 119, 142

■ 255, 142, 235

Harmonies

Analogous

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



128, 140, 131



130, 140, 142



125, 135, 143

Triad

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



130, 140, 142



132, 137, 151



153, 135, 133

Complementary

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



130, 140, 142



142, 130, 140

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.



152, 135, 139



130, 140, 142



140, 137, 150

Square

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



130, 140, 142



126, 135, 150



147, 136, 145



150, 141, 128

Rectangle

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



130, 140, 142



123, 133, 143



147, 136, 145



153, 135, 135

Sweetspot

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



130, 140, 142



178, 183, 184



130, 142, 132



88, 91, 92



219, 219, 219



92, 92, 92

Same Dimension

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



130, 140, 142



165, 181, 184



130, 137, 142



64, 69, 71



0, 113, 135



0, 6, 8

Inverse Universe

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



142, 130, 140



184, 165, 180



142, 130, 134



71, 64, 70



135, 0, 108



8, 0, 6

Previews

White Background



This preview shows how the RYB color 130, 140, 142 looks on a white background.

Color Contrast Check

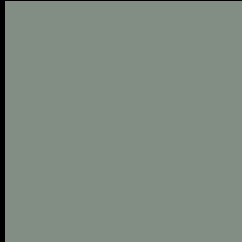
Large Text (above 18pt) WCAG AA ✓ Pass

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 130, 140, 142 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

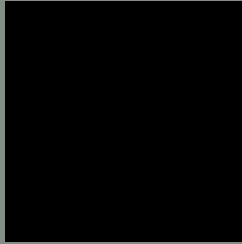
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

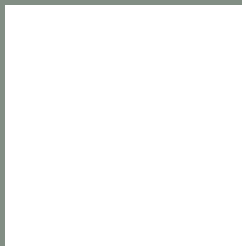
Any Text WCAG AAA × Fail

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

RYB 130, 140, 142 Background



This preview shows how black text looks on a background with the RYB color 130, 140, 142.



This preview shows how white text looks on a background with the RYB color 130, 140, 142.

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

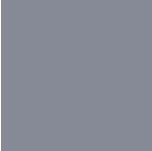
130, 140, 142

Protanopia

138, 143, 130

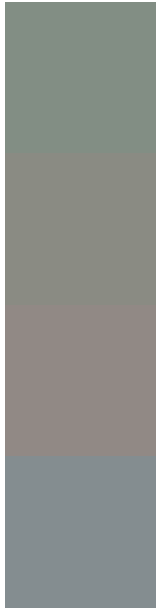
Deuteranopia

154, 134, 134



Tritanopia
133, 137, 150

Trichromacy



Original Color

130, 140, 142

Protanomaly

131, 139, 132

Deuteranomaly

145, 139, 133

Tritanomaly

132, 137, 144

Monochromacy



Original Color

130, 140, 142

Achromatopsia

137, 137, 137

Achromatomaly

134, 138, 139

CSS Examples

Text

The CSS property to change the color of the text to RYB 130, 140, 142 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(130, 142, 132)` looks like.

```
.text, #text, p{  
    color:rgb(130, 142, 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(130, 142, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 142, 132) }
```

Border

The CSS property to change the border of an element to RYB 130, 140, 142 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(130, 142, 132) }
```

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

```
.border{ border-color:rgb(130, 142, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 142, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 142, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 142, 132);  
box-shadow:4px 4px 4px 4px rgb(130, 142,  
132) }
```

Background

The CSS property to change the background color of an element to RYB 130, 140, 142 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 142, 132) }
```

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

```
.background{ background-color: rgb(130,  
142, 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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