

Converting Colors

`RYB(122, 133, 145)`

Have a look what the booklet for
RYB(122, 133, 145) contains.

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Color

R_YB(122, 133, 145)

Conversions

Conversions Part 1

Format	Color
Hex	7A8F91
RGB	122, 143, 145
RGB Percent	48%, 56%, 57%
CMY	0.5216, 0.4389, 0.4314
CMYK	0.16, 0.01, 0.00, 0.43
HSL	185°, 9%, 52%
HSV	185°, 16%, 57%
XYZ	22.9719, 25.8519, 30.5672
YIQ	136.9490, -13.1580, -3.8300

Conversions

Conversions Part 2

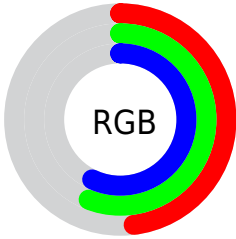
Format	Color
R_{YB}	122, 133, 145
Decimal	8032145
CIE _{Lab}	57.90, -7.07, -3.55
CIE _{LCh}	58, 7.909, 206.669
Yxy	25.8519, 0.2894, 0.3256
Android (android.graphics.Color)	4286222225 (0xFF7A8F91)
YUV	136.9490, 3.9691, -13.1103
Hunter-Lab	50.8447, -8.3313, -0.0531

Details

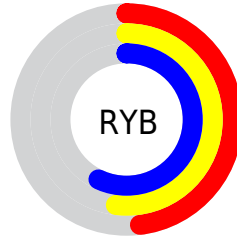
The RYB color **122, 133, 145** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **145, 124, 122**, and the grayscale version is **137, 137, 137**.

A 20% lighter version of the original color is **175, 186, 199**, and **73, 83, 95** is the 20% darker color. If you saturate the color by 10%, you get **108, 126, 145**, and if you desaturate by 10%, it is **137, 141, 145**.

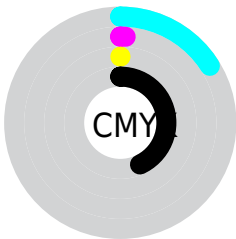
Distribution



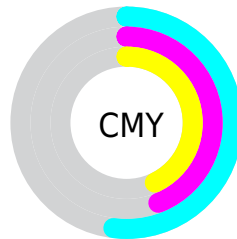
- Red (48%)
- Green (56%)
- Blue (57%)



- Red (48%)
- Yellow (52%)
- Blue (57%)



- Cyan (16%)
- Magenta (1%)
- Yellow (0%)
- Black (43%)



- Cyan (52%)
- Magenta (44%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the RYB color 122, 133, 145 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, 133, 145 by changing the saturation by 10% instead.

■ 122, 133, 145

255, 255, 255

■ 175, 186, 199

■ 202, 214, 227

■ 230, 242, 255

■ 122, 133, 145

■ 97, 107, 119

■ 73, 83, 95

■ 50, 60, 71

■ 28, 38, 49

■ 6, 16, 28

■ 0, 0, 0

■ 122, 133, 145

■ 108, 126, 145

■ 93, 118, 145

■ 122, 133, 145

■ 137, 141, 145

■ 151, 146, 145

79, 110, 145

166, 147, 145

64, 103, 145

180, 148, 145

50, 95, 145

195, 149, 145

35, 88, 145

209, 150, 145

21, 80, 145

224, 153, 145

6, 72, 145

238, 154, 145

0, 69, 145

253, 155, 145

Harmonies

Analogous

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



124, 135, 143



122, 133, 145



125, 135, 150

Triad

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



122, 133, 145



148, 136, 147



138, 146, 125

Complementary

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



122, 133, 145



145, 124, 122

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, 140, 128



122, 133, 145



153, 135, 140

Square

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



122, 133, 145



140, 138, 151



154, 135, 133



127, 141, 130

Rectangle

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



122, 133, 145



129, 137, 152



154, 135, 133



144, 148, 126

Sweetspot

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



122, 133, 145



179, 184, 189



122, 143, 145



89, 92, 94



222, 222, 222



94, 94, 94

Same Dimension

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



122, 133, 145



153, 170, 189



122, 129, 145



64, 68, 71



0, 65, 135



0, 4, 8

Inverse Universe

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



145, 122, 143



189, 153, 186



140, 145, 122



71, 64, 71



135, 0, 124



8, 0, 7

Previews

White Background



This preview shows how the RYB color 122, 133, 145 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 122, 133, 145 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

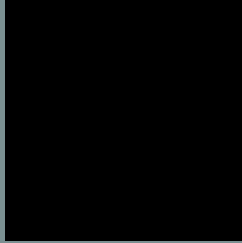
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

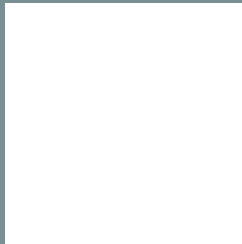
Any Text WCAG AAA × Fail

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

R Y B 122, 133, 145 Background



This preview shows how black text looks on a background with the R Y B color 122, 133, 145.



This preview shows how white text looks on a background with the R Y B color 122, 133, 145.

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

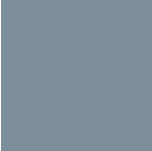
122, 133, 145

Protanopia

140, 138, 142

Deuteranopia

149, 135, 147



Tritanopia
124, 135, 153

Trichromacy



Original Color

122, 133, 145

Protanomaly

133, 137, 143

Deuteranomaly

139, 138, 146

Tritanomaly

123, 134, 150

Monochromacy



Original Color

122, 133, 145

Achromatopsia

137, 137, 137

Achromatomaly

132, 136, 140

CSS Examples

Text

The CSS property to change the color of the text to RGB 122, 133, 145 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, 143, 145) looks like.

```
.text, #text, p{  
    color:rgb(122, 143, 145)  
}
```

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, 143, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 143, 145) }
```

Border

The CSS property to change the border of an element to RYB 122, 133, 145 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, 143, 145) }
```

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

```
.border{ border-color:rgb(122, 143, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 143, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 143, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 143, 145);  
box-shadow:4px 4px 4px 4px rgb(122, 143,  
145) }
```

Background

The CSS property to change the background color of an element to RYB 122, 133, 145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 143, 145) }
```

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

```
.background{ background-color: rgb(122,  
143, 145) }
```

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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