

Converting Colors

`RYB(130, 120, 143)`

Have a look what the booklet for
RYB(130, 120, 143) contains.

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Color

R_YB(130, 120, 143)

Conversions

Conversions Part 1

Format	Color
Hex	82788F
RGB	130, 120, 143
RGB Percent	51%, 47%, 56%
CMY	0.4902, 0.5294, 0.4392
CMYK	0.09, 0.16, 0.00, 0.44
HSL	266°, 9%, 52%
HSV	266°, 16%, 56%
XYZ	20.8803, 20.1619, 28.7777
YIQ	125.6120, -1.4230, 9.2730

Conversions

Conversions Part 2

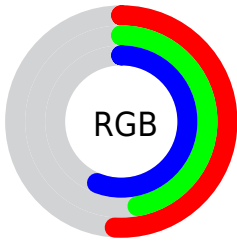
Format	Color
R_{YB}	130, 120, 143
Decimal	8550543
CIE _{Lab}	52.02, 8.51, -11.07
CIE _{LCh}	52, 13.965, 307.531
Yxy	20.1619, 0.2991, 0.2888
Android (android.graphics.Color)	4286740623 (0xFF82788F)
YUV	125.6120, 8.5723, 3.8483
Hunter-Lab	44.9020, 4.4274, -6.5675

Details

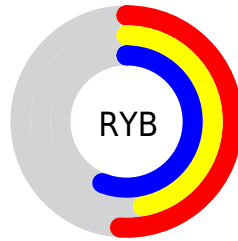
The RYB color **130, 120, 143** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **120, 143, 130**, and the grayscale version is **126, 126, 126**.

A 20% lighter version of the original color is **183, 172, 197**, and **81, 72, 93** is the 20% darker color. If you saturate the color by 10%, you get **122, 106, 143**, and if you desaturate by 10%, it is **138, 134, 143**.

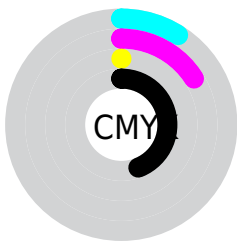
Distribution



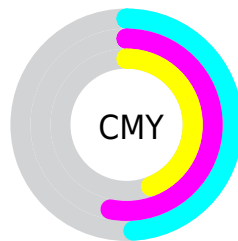
- Red (51%)
- Green (47%)
- Blue (56%)



- Red (51%)
- Yellow (47%)
- Blue (56%)



- Cyan (9%)
- Magenta (16%)
- Yellow (0%)
- Black (44%)



- Cyan (49%)
- Magenta (53%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the RYB color 130, 120, 143 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, 120, 143 by changing the saturation by 10% instead.

■ 130, 120, 143

255, 255, 255

■ 183, 172, 197

■ 211, 200, 225

■ 239, 228, 253

■ 130, 120, 143

■ 105, 95, 117

■ 81, 72, 93

■ 57, 49, 69

■ 36, 28, 47

■ 16, 2, 26

■ 0, 0, 0

■ 130, 120, 143

■ 122, 106, 143

■ 114, 91, 143

■ 130, 120, 143

■ 138, 134, 143

■ 143, 149, 146

106, 77, 143

143, 163, 152

98, 63, 143

143, 177, 158

90, 49, 143

143, 192, 165

82, 34, 143

143, 206, 171

73, 20, 143

143, 220, 176

65, 6, 143

143, 234, 182

62, 0, 143

143, 249, 189

Harmonies

Analogous

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



114, 122, 148



130, 120, 143



142, 117, 133

Triad

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



130, 120, 143



142, 135, 102



94, 114, 131

Complementary

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



130, 120, 143



120, 143, 130

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.



104, 122, 130



130, 120, 143



108, 130, 100

Square

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



130, 120, 143



148, 119, 110



105, 128, 116



93, 113, 138

Rectangle

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



130, 120, 143



147, 116, 125



105, 128, 116



97, 116, 131

Sweetspot

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



130, 120, 143



181, 177, 186



120, 128, 143



91, 89, 94



222, 222, 222



94, 94, 94

Same Dimension

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



130, 120, 143



166, 151, 186



141, 120, 143



67, 64, 71



59, 0, 135



3, 0, 8

Inverse Universe

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



143, 120, 133



186, 151, 171



120, 143, 141



71, 64, 68



135, 0, 76



8, 0, 4

Previews

White Background



This preview shows how the RYB color 130, 120, 143 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, 120, 143 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

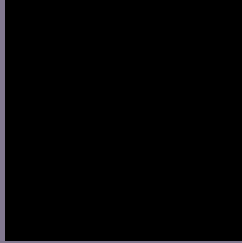
Any Text WCAG AA ✓ Pass

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, 120, 143 Background



This preview shows how black text looks on a background with the RYB color 130, 120, 143.



This preview shows how white text looks on a background with the RYB color 130, 120, 143.

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, 120, 143

Protanopia

120, 123, 145

Deuteranopia

127, 121, 143



Tritanopia
128, 122, 132

Trichromacy



Original Color

130, 120, 143

Protanomaly

124, 122, 144

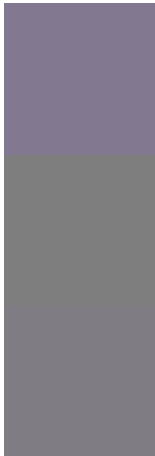
Deuteranomaly

128, 121, 143

Tritanomaly

129, 121, 136

Monochromacy



Original Color

130, 120, 143

Achromatopsia

126, 126, 126

Achromatomaly

127, 124, 132

CSS Examples

Text

The CSS property to change the color of the text to RYB 130, 120, 143 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, 120, 143) looks like.

```
.text, #text, p{  
    color:rgb(130, 120, 143)  
}
```

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, 120, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 120, 143) }
```

Border

The CSS property to change the border of an element to RYB 130, 120, 143 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, 120, 143) }
```

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

```
.border{ border-color:rgb(130, 120, 143) }
```

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

Here you see how a box with a 4 pixel rgb(130, 120, 143) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 120, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 120, 143);  
box-shadow:4px 4px 4px 4px rgb(130, 120,  
143) }
```

Background

The CSS property to change the background color of an element to RYB 130, 120, 143 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 120, 143) }
```

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

```
.background{ background-color: rgb(130,  
120, 143) }
```

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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