

Converting Colors

`RYB(144, 130, 160)`

Have a look what the booklet for
RYB(144, 130, 160) contains.

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Color

R_YB(144, 130, 160)

Conversions

Conversions Part 1

Format	Color
Hex	9082A0
RGB	144, 130, 160
RGB Percent	56%, 51%, 63%
CMY	0.4353, 0.4902, 0.3725
CMYK	0.10, 0.19, 0.00, 0.37
HSL	268°, 14%, 57%
HSV	268°, 19%, 63%
XYZ	25.8294, 24.4326, 36.6123
YIQ	137.6060, -1.2860, 12.2980

Conversions

Conversions Part 2

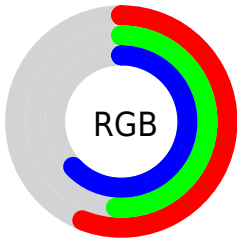
Format	Color
RYB	144, 130, 160
Decimal	9470624
CIELab	56.52, 11.28, -14.04
CIELCh	57, 18.016, 308.781
Yxy	24.4326, 0.2973, 0.2812
Android (android.graphics.Color)	4287660704 (0xFF9082A0)
YUV	137.6060, 11.0402, 5.6075
Hunter-Lab	49.4294, 6.7741, -9.3155




Details

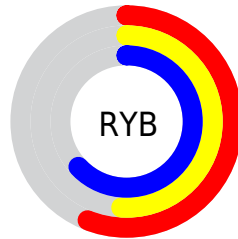
The RYB color **144, 130, 160** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **130, 160, 144**, and the grayscale version is **138, 138, 138**.




A 20% lighter version of the original color is **198, 183, 215**, and **93, 81, 108** is the 20% darker color. If you saturate the color by 10%, you get **135, 114, 160**, and if you desaturate by 10%, it is **153, 146, 160**.

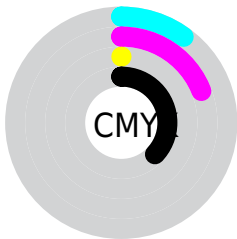
Distribution







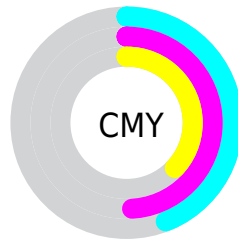
-  Red (56%)
-  Green (51%)
-  Blue (63%)






-  Red (56%)
-  Yellow (51%)
-  Blue (63%)



-  Cyan (10%)
-  Magenta (19%)
-  Yellow (0%)
-  Black (37%)



-  Cyan (44%)
-  Magenta (49%)
-  Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the RYB color 144, 130, 160 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 144, 130, 160 by changing the saturation by 10% instead.

■ 144, 130, 160

255, 255, 255

■ 198, 183, 215

■ 226, 211, 243

■ 255, 239, 255

■ 144, 130, 160

■ 118, 105, 134

■ 93, 81, 108

■ 70, 58, 84

■ 47, 36, 61

■ 26, 16, 39

■ 0, 1, 18

■ 0, 0, 0

■ 144, 130, 160

■ 135, 114, 160

■ 144, 130, 160

■ 153, 146, 160

127, 98, 160

160, 162, 161

118, 82, 160

160, 178, 168

110, 66, 160

160, 194, 176

101, 50, 160

160, 210, 183

93, 34, 160

160, 226, 191

84, 18, 160

160, 242, 198

76, 2, 160

160, 255, 203

75, 0, 160

160, 255, 194

Harmonies

Analogous

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



123, 132, 166



144, 130, 160



160, 126, 147

Triad

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



144, 130, 160



157, 153, 107



95, 121, 145

Complementary

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



144, 130, 160



130, 160, 144

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.



108, 133, 144



144, 130, 160



114, 143, 105

Square

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



144, 130, 160



166, 128, 117



111, 141, 127



92, 120, 155

Rectangle

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



144, 130, 160



166, 124, 137



111, 141, 127



98, 124, 144

Sweetspot

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



144, 130, 160



202, 197, 209



130, 140, 160



101, 97, 105



232, 232, 232



105, 105, 105

Same Dimension

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



144, 130, 160



183, 161, 209



159, 130, 160



75, 71, 79



67, 0, 143



7, 0, 15

Inverse Universe

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



160, 130, 146



209, 161, 187



130, 160, 159



79, 71, 75



143, 0, 76



15, 0, 8

Previews

White Background



This preview shows how the RYB color 144, 130, 160 looks on a white background.

Color Contrast Check

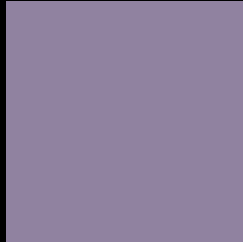
Large Text (above 18pt) WCAG AA ✓ Pass

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 144, 130, 160 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

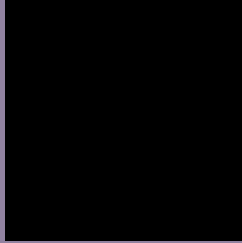
Any Text WCAG AA ✓ Pass

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 144, 130, 160 Background



This preview shows how black text looks on a background with the RYB color 144, 130, 160.



This preview shows how white text looks on a background with the RYB color 144, 130, 160.

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
144, 130, 160

Protanopia
129, 133, 163

Deuteranopia
137, 132, 160



Tritanopia

141, 133, 143

Trichromacy



Original Color

144, 130, 160

Protanomaly

134, 133, 162

Deuteranomaly

140, 131, 160

Tritanomaly

142, 132, 149

Monochromacy



Original Color

144, 130, 160

Achromatopsia

138, 138, 138

Achromatomaly

140, 135, 146

CSS Examples

Text

The CSS property to change the color of the text to RYB 144, 130, 160 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(144, 130, 160)` looks like.

```
.text, #text, p{  
    color:rgb(144, 130, 160)  
}
```

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(144, 130, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 130, 160) }
```

Border

The CSS property to change the border of an element to RYB 144, 130, 160 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(144, 130, 160) }
```

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

```
.border{ border-color:rgb(144, 130, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 130, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 130, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 130, 160);  
box-shadow:4px 4px 4px 4px rgb(144, 130,  
160) }
```

Background

The CSS property to change the background color of an element to RYB 144, 130, 160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 130, 160) }
```

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

```
.background{ background-color: rgb(144,  
130, 160) }
```

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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