

Converting Colors

`RYB(144, 131, 184)`

Have a look what the booklet for
RYB(144, 131, 184) contains.

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Color

R_YB(144, 131, 184)

Conversions

Conversions Part 1

Format	Color
Hex	9083B8
RGB	144, 131, 184
RGB Percent	56%, 51%, 72%
CMY	0.4353, 0.4863, 0.2784
CMYK	0.22, 0.29, 0.00, 0.28
HSL	255°, 27%, 62%
HSV	255°, 29%, 72%
XYZ	28.2696, 25.6226, 48.8031
YIQ	140.9290, -9.2650, 19.2390

Conversions

Conversions Part 2

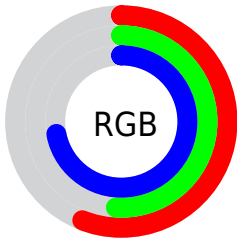
Format	Color
RYB	144, 131, 184
Decimal	9470904
CIELab	57.68, 16.18, -26.03
CIElCh	58, 30.650, 301.871
Yxy	25.6226, 0.2753, 0.2495
Android (android.graphics.Color)	4287660984 (0xFF9083B8)
YUV	140.9290, 21.2340, 2.6933
Hunter-Lab	50.6188, 11.1061, -21.7302

Details

The RYB color **144, 131, 184** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **131, 184, 144**, and the grayscale version is **141, 141, 141**.

A 20% lighter version of the original color is **199, 184, 240**, and **93, 82, 131** is the 20% darker color. If you saturate the color by 10%, you get **130, 113, 184**, and if you desaturate by 10%, it is **158, 149, 184**.

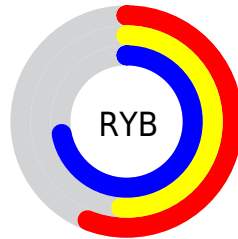
Distribution



Red (56%)

Green (51%)

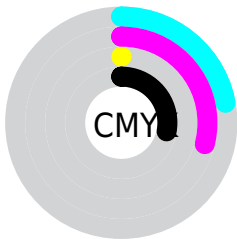
Blue (72%)



Red (56%)

Yellow (51%)

Blue (72%)

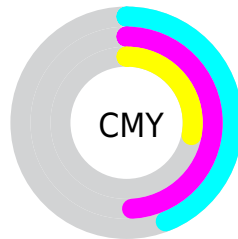


Cyan (22%)

Magenta (29%)

Yellow (0%)

Black (28%)



Cyan (44%)

Magenta (49%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the RYB color 144, 131, 184 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, 131, 184 by changing the saturation by 10% instead.


 144, 131, 184

255, 255, 255

 199, 184, 240

 227, 212, 255

 255, 240, 255


 144, 131, 184

 118, 106, 157

 93, 82, 131

 68, 59, 105


 44, 37, 81

 21, 17, 58

 0, 0, 36

 0, 0, 12

 0, 0, 0

 144, 131, 184

 144, 131, 184

130, 113, 184

158, 149, 184

116, 94, 184

172, 168, 184

102, 76, 184

184, 186, 184

88, 57, 184

184, 205, 189

75, 39, 184

184, 223, 194

61, 21, 184

184, 241, 198

47, 2, 184

184, 255, 198

45, 0, 184

184, 255, 184

Harmonies

Analogous

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



103, 130, 192



144, 131, 184



174, 122, 164

Triad

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



144, 131, 184



177, 154, 92



60, 110, 153

Complementary

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



144, 131, 184



131, 184, 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.



95, 138, 151



144, 131, 184



109, 155, 85

Square

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



144, 131, 184



190, 121, 112



92, 145, 110



36, 97, 166

Rectangle

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



144, 131, 184



186, 119, 147



92, 145, 110



72, 119, 153

Sweetspot

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



144, 131, 184



223, 218, 240



131, 154, 184



110, 107, 120



247, 247, 247



120, 120, 120

Same Dimension

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



144, 131, 184



176, 156, 240



170, 131, 184



85, 83, 92



38, 0, 156



7, 0, 28

Inverse Universe

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



184, 131, 171



240, 156, 219



131, 184, 170



92, 83, 90



156, 0, 117



28, 0, 21

Previews

White Background



This preview shows how the RYB color 144, 131, 184 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, 131, 184 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

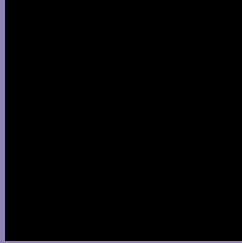
Any Text WCAG AA ✓ Pass

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, 131, 184 Background



This preview shows how black text looks on a background with the RYB color 144, 131, 184.



This preview shows how white text looks on a background with the RYB color 144, 131, 184.

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, 131, 184

Protanopia
124, 135, 188

Deuteranopia
128, 135, 183



Tritanopia

138, 138, 149

Trichromacy



Original Color

144, 131, 184

Protanomaly

131, 135, 187

Deuteranomaly

134, 134, 183

Tritanomaly

140, 135, 162

Monochromacy



Original Color

144, 131, 184

Achromatopsia

141, 141, 141

Achromatomaly

142, 137, 157

CSS Examples

Text

The CSS property to change the color of the text to RYB 144, 131, 184 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, 131, 184)` looks like.

```
.text, #text, p{  
    color:rgb(144, 131, 184)  
}
```

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, 131, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 131, 184) }
```

Border

The CSS property to change the border of an element to RYB 144, 131, 184 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, 131, 184) }
```

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

```
.border{ border-color:rgb(144, 131, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 131, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 131, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 131, 184);  
box-shadow:4px 4px 4px 4px rgb(144, 131,  
184) }
```

Background

The CSS property to change the background color of an element to RYB 144, 131, 184 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 131, 184) }
```

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

```
.background{ background-color: rgb(144,  
131, 184) }
```

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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