

Converting Colors

`RYB(144, 133, 169)`

Have a look what the booklet for RYB(144, 133, 169) contains.

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Color

R_YB(144, 133, 169)

Conversions

Conversions Part 1

Format	Color
Hex	9085A9
RGB	144, 133, 169
RGB Percent	56%, 52%, 66%
CMY	0.4353, 0.4784, 0.3373
CMYK	0.15, 0.21, 0.00, 0.34
HSL	258°, 17%, 59%
HSV	258°, 21%, 66%
XYZ	27.0506, 25.5689, 41.0457
YIQ	140.3930, -5.0000, 13.5280

Conversions

Conversions Part 2

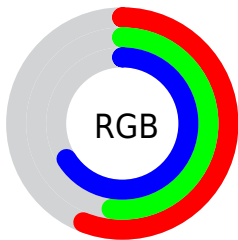
Format	Color
RYB	144, 133, 169
Decimal	9471401
CIELab	57.63, 11.54, -17.54
CIELCh	58, 20.991, 303.341
Yxy	25.5689, 0.2888, 0.2730
Android (android.graphics.Color)	4287661481 (0xFF9085A9)
YUV	140.3930, 14.1033, 3.1633
Hunter-Lab	50.5657, 7.0001, -12.7314

Details

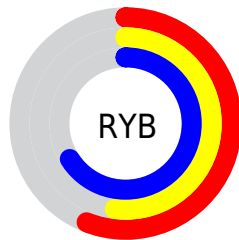
The RYB color **144, 133, 169** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **133, 169, 144**, and the grayscale version is **140, 140, 140**.

A 20% lighter version of the original color is **198, 186, 224**, and **93, 83, 117** is the 20% darker color. If you saturate the color by 10%, you get **132, 116, 169**, and if you desaturate by 10%, it is **156, 150, 169**.

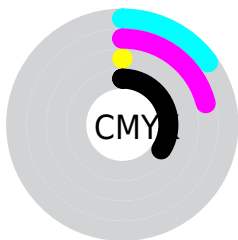
Distribution



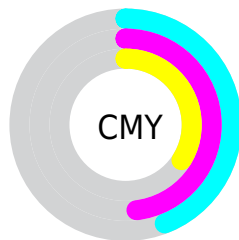
- Red (56%)
- Green (52%)
- Blue (66%)



- Red (56%)
- Yellow (52%)
- Blue (66%)



- Cyan (15%)
- Magenta (21%)
- Yellow (0%)
- Black (34%)



- Cyan (44%)
- Magenta (48%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the RYB color 144, 133, 169 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, 133, 169 by changing the saturation by 10% instead.

 144, 133, 169


255, 255, 255

 198, 186, 224

 226, 214, 253

 255, 242, 255


 144, 133, 169

 118, 108, 142

 93, 83, 117


 69, 60, 92

 46, 39, 68


 25, 18, 46


 0, 0, 25

 0, 0, 0

 144, 133, 169

 132, 116, 169

 144, 133, 169

 156, 150, 169

121, 99, 169

167, 167, 169

109, 82, 169

169, 184, 174

97, 65, 169

169, 201, 179

85, 48, 169

169, 217, 183

74, 32, 169

169, 234, 189

62, 15, 169

169, 251, 194

52, 0, 169

169, 255, 186

169, 255, 174

Harmonies

Analogous

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



119, 134, 175



144, 133, 169



164, 128, 155

Triad

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



144, 133, 169



166, 152, 106



91, 122, 149

Complementary

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



144, 133, 169



133, 169, 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.



109, 138, 147



144, 133, 169



118, 150, 102

Square

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



144, 133, 169



175, 128, 119



107, 143, 120



85, 119, 158

Rectangle

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



144, 133, 169



172, 126, 143



107, 143, 120



97, 127, 149

Sweetspot

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



144, 133, 169



210, 206, 219



133, 148, 169



104, 102, 110



237, 237, 237



110, 110, 110

Same Dimension

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



144, 133, 169



180, 162, 219



162, 133, 169



78, 76, 84



45, 0, 148



6, 0, 20

Inverse Universe

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



169, 133, 158



219, 162, 202



133, 169, 162



84, 76, 82



148, 0, 103



20, 0, 14

Previews

White Background



This preview shows how the RYB color 144, 133, 169 looks on a white background.

Color Contrast Check

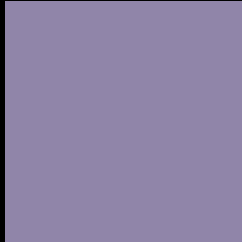
Large Text (above 18pt) WCAG AA ✓ Pass

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, 133, 169 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

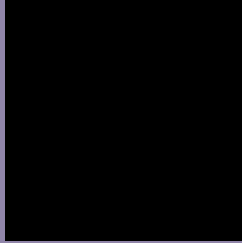
Any Text WCAG AA ✓ Pass

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, 133, 169 Background



This preview shows how black text looks on a background with the RYB color 144, 133, 169.



This preview shows how white text looks on a background with the RYB color 144, 133, 169.

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, 133, 169](#)

Protanopia
[130, 136, 172](#)

Deuteranopia
[137, 135, 169](#)



Tritanopia
140, 137, 148

Trichromacy



Original Color
144, 133, 169

Protanomaly
135, 136, 171

Deuteranomaly
140, 134, 169

Tritanomaly
141, 136, 156

Monochromacy



Original Color
144, 133, 169

Achromatopsia
140, 140, 140

Achromatomaly
141, 137, 151

CSS Examples

Text

The CSS property to change the color of the text to RYB 144, 133, 169 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, 133, 169)` looks like.

```
.text, #text, p{  
    color:rgb(144, 133, 169)  
}
```

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, 133, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 133, 169) }
```

Border

The CSS property to change the border of an element to RYB 144, 133, 169 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, 133, 169) }
```

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

```
.border{ border-color:rgb(144, 133, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 133, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 133, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 133, 169);  
box-shadow:4px 4px 4px 4px rgb(144, 133,  
169) }
```

Background

The CSS property to change the background color of an element to RYB 144, 133, 169 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 133, 169) }
```

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

```
.background{ background-color: rgb(144,  
133, 169) }
```

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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