

Converting Colors

`RYB(153, 144, 171)`

Have a look what the booklet for RYB(153, 144, 171) contains.

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Color

R_YB(153, 144, 171)

Conversions

Conversions Part 1

Format	Color
Hex	9990AB
RGB	153, 144, 171
RGB Percent	60%, 56%, 67%
CMY	0.4000, 0.4353, 0.3294
CMYK	0.11, 0.16, 0.00, 0.33
HSL	260°, 14%, 62%
HSV	260°, 16%, 67%
XYZ	30.4608, 29.6591, 42.6474
YIQ	149.7690, -3.3030, 10.3050

Conversions

Conversions Part 2

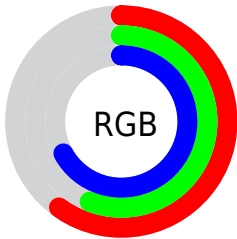
Format	Color
RYB	153, 144, 171
Decimal	10064043
CIELab	61.36, 8.72, -12.95
CIElCh	61, 15.618, 303.953
Yxy	29.6591, 0.2964, 0.2886
Android (android.graphics.Color)	4288254123 (0xFF9990AB)
YUV	149.7690, 10.4669, 2.8336
Hunter-Lab	54.4602, 4.5338, -8.3075

Details

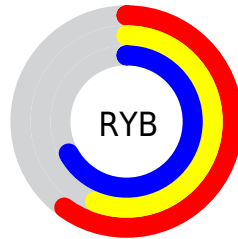
The RYB color **153, 144, 171** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **144, 171, 153**, and the grayscale version is **150, 150, 150**.

A 20% lighter version of the original color is **207, 198, 226**, and **102, 94, 119** is the 20% darker color. If you saturate the color by 10%, you get **142, 127, 171**, and if you desaturate by 10%, it is **164, 161, 171**.

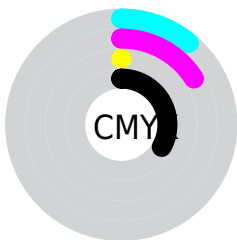
Distribution



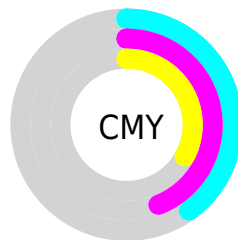
- Red (60%)
- Green (56%)
- Blue (67%)



- Red (60%)
- Yellow (56%)
- Blue (67%)



- Cyan (11%)
- Magenta (16%)
- Yellow (0%)
- Black (33%)



- Cyan (40%)
- Magenta (44%)
- Yellow (33%)


Brightness & Saturation Gradients

These gradients show how the RYB color 153, 144, 171 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 153, 144, 171 by changing the saturation by 10% instead.

 153, 144, 171


255, 255, 255

 207, 198, 226

 236, 226, 255

255, 254, 255

 153, 144, 171


 127, 118, 144

 102, 94, 119

 78, 70, 94

 55, 48, 70


 33, 27, 48


 13, 0, 27

 0, 0, 0

 153, 144, 171

 142, 127, 171

 153, 144, 171

 164, 161, 171

■ 130, 110, 171

■ 171, 178, 173

■ 119, 93, 171

■ 171, 195, 179

■ 107, 76, 171

■ 171, 212, 184

■ 96, 59, 171

■ 171, 229, 190

■ 85, 41, 171

■ 171, 247, 197

■ 73, 24, 171

■ 171, 255, 193

■ 62, 7, 171

■ 171, 255, 182

■ 57, 0, 171

■ 171, 255, 171

Harmonies

Analogous

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



135, 145, 175



153, 144, 171



168, 140, 161

Triad

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



153, 144, 171



170, 156, 124



115, 137, 156

Complementary

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



153, 144, 171



144, 171, 153

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.



126, 148, 155



153, 144, 171



133, 157, 121

Square

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



153, 144, 171



176, 141, 133



125, 152, 135



112, 135, 163

Rectangle

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



153, 144, 171



174, 139, 151



125, 152, 135



118, 140, 156

Sweetspot

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



153, 144, 171



214, 211, 222



144, 155, 171



108, 105, 112



240, 240, 240



112, 112, 112

Same Dimension

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



153, 144, 171



194, 180, 222



166, 144, 171



81, 78, 87



50, 0, 150



8, 0, 23

Inverse Universe

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



171, 144, 162



222, 180, 208



144, 171, 167



87, 78, 84



150, 0, 100



23, 0, 15

Previews

White Background



This preview shows how the RYB color 153, 144, 171 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 153, 144, 171 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

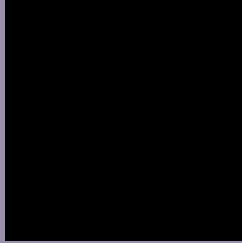
Any Text WCAG AA ✓ Pass

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 153, 144, 171 Background



This preview shows how black text looks on a background with the RYB color 153, 144, 171.



This preview shows how white text looks on a background with the RYB color 153, 144, 171.

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
153, 144, 171

Protanopia
143, 147, 173

Deuteranopia
152, 144, 171



Tritanopia
151, 146, 158

Trichromacy



Original Color

153, 144, 171

Protanomaly

147, 146, 172

Deuteranomaly

152, 144, 171

Tritanomaly

152, 145, 163

Monochromacy



Original Color

153, 144, 171

Achromatopsia

150, 150, 150

Achromatomaly

151, 148, 158

CSS Examples

Text

The CSS property to change the color of the text to RYB 153, 144, 171 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(153, 144, 171) looks like.

```
.text, #text, p{  
    color:rgb(153, 144, 171)  
}
```

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(153, 144, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 144, 171) }
```

Border

The CSS property to change the border of an element to RYB 153, 144, 171 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(153, 144, 171) }
```

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

```
.border{ border-color:rgb(153, 144, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 144, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 144, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 144, 171);  
box-shadow:4px 4px 4px 4px rgb(153, 144,  
171) }
```

Background

The CSS property to change the background color of an element to RYB 153, 144, 171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 144, 171) }
```

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

```
.background{ background-color: rgb(153,  
144, 171) }
```

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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